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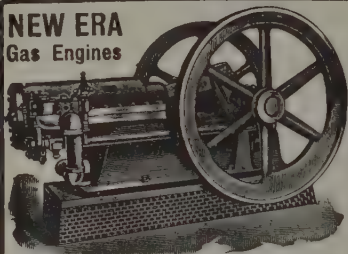
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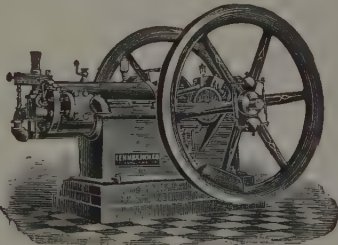
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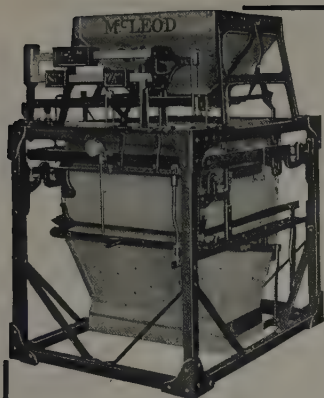
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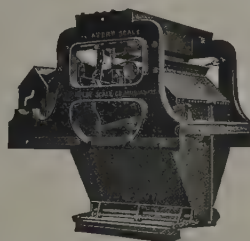
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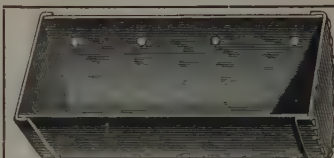
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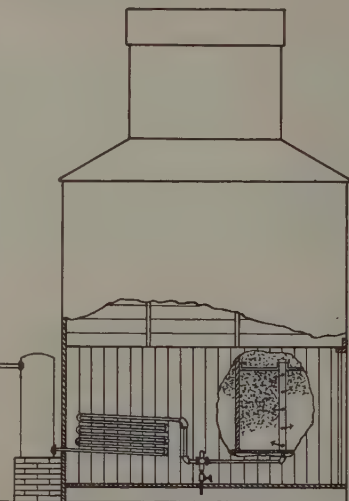


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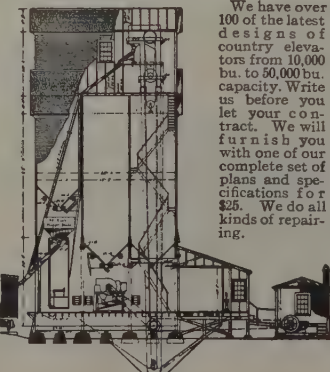
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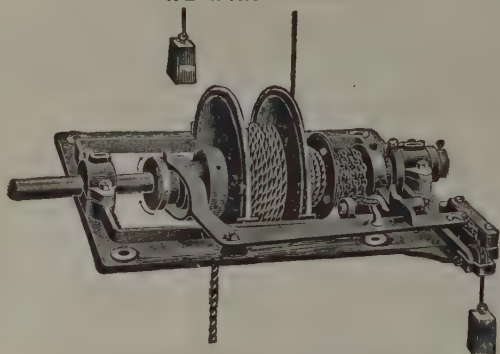
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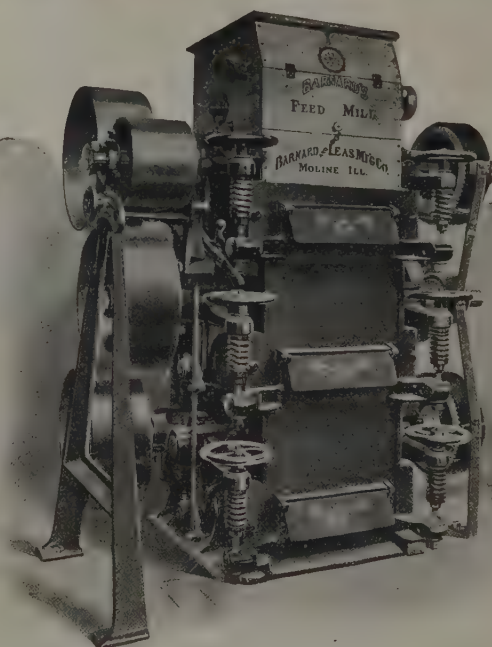
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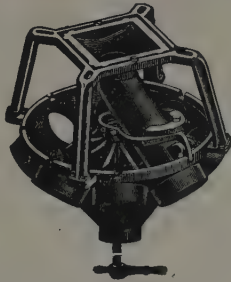
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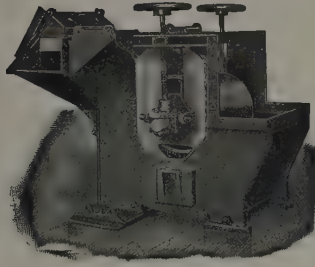
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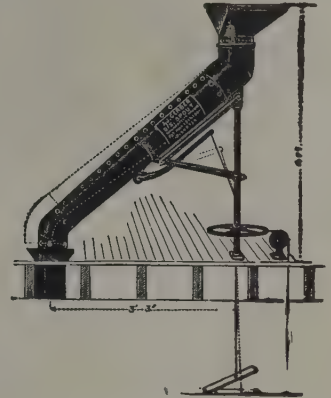
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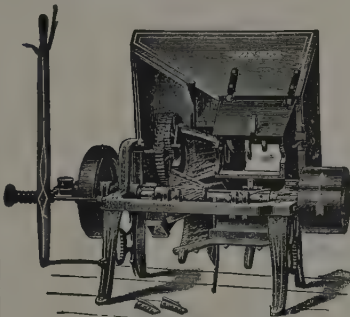
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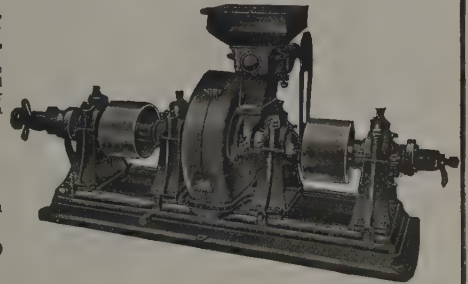
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Monarch Feed Mill

Let us prove it to you by sending you one on trial. **WRITE US**

SPROUT, WALDRON & CO
P. O. 260, MUNCY, PA.



WILLFORD

Light Running Three-Roller Mills

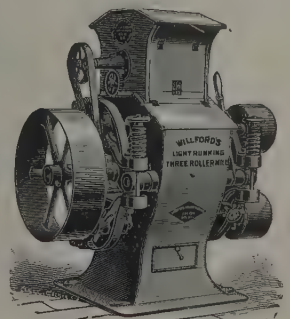
**ARE THE BEST
FEED MILLS FOR ELEVATORS**

because they take the least power, are strong, simple and durable.

Write for Circulars and Prices.

WILLFORD MANUFACTURING CO.

303 So. 3rd Street Minneapolis, Minn.



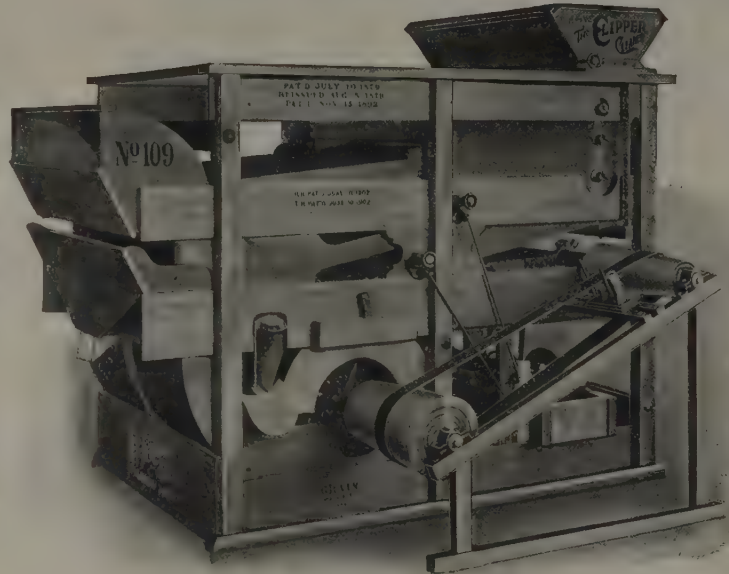
BUYERS AND SELLERS

of grain elevators. You can make your wants known quickly by advertising in the "Elevators for Sale and Wanted" columns.

The "Clipper" Grain & Flax Cleaners

THE No. 109 CLEANER shown in cut is especially well adapted to handling Northwestern grain and flax. It has four screens in the shoe, a sand screen, grade screen and two scalper screens which is very important in handling flax. It has Traveling Brushes on the two lower screens to keep them from clogging, insuring perfect screen work. We furnish a large assortment of screens for handling grain and flax, also separating flax from mustard, oats from wheat, etc. It is equipped with our Air Controller which regulates the air blast to the finest point.

It requires a small amount of power.



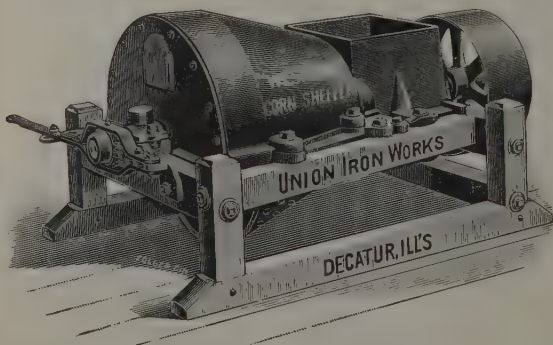
A. T. Ferrell & Co.

Saginaw, Mich.

DO IT NOW!

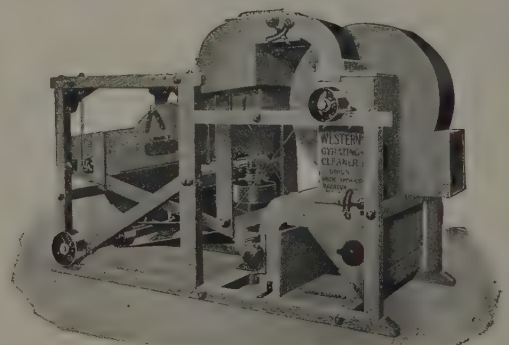
Write THE UNION IRON WORKS, Decatur, Illinois, for full particulars regarding the "Western" Machinery: Shellers, Cleaners, Heads, Boots, Pulleys, Shafting, Boxes, Collars, Sprocket Wheels, Sheaves, Clutches, Conveyors, Etc.

WE CAN SAVE YOU MONEY.



PATENTED FEB. 13, 1900

Improved "Western" Warehouse Corn Sheller. Made in 8 sizes. Capacities 125 to 1,800 bushels per hour.



"Western" Gyration Cleaner. Made in 8 sizes. Capacities 125 to 1,800 bushels per hour.

POWER CAR LOADERS FOR ELEVATORS.

IF YOU WANT THE BEST
CAR LOADER

Write

The Ideal Car Loader Co.
ALLENVILLE, ILL.

Say

Let the Grain Dealers Journal
Want Ads do your work.

They bring quick returns.

Combined Grain Cleaner and Pneu- matic Car Loader

The only machine that
will clean and load at
the same time.

For descriptive circular and
prices, address,

**MATTOON GRAIN
CONVEYOR CO.**

MATTOON, ILL.



The Only Car Loader
That will not
Damage The Grain

Sullivan, Ill., Oct. 23, 1907.
Mattoon Grain Conveyor Co.
Mattoon, Ill.

Gentlemen:—Enclosed find
our check and expense bill
covering your statement of
recent date. We are more
than pleased with your loader.
Since installing it we have
dispensed with the use of one
man at the elevator.

Yours truly,
SULLIVAN ELEVATOR
COMPANY.

"A Pleased Customer is the Best Advertisement After All"



Several years ago we received an inquiry from the Camden Elevator Co. of Camden, Ohio, which was followed with an order soon afterwards. Desiring to know what advertising had brought us the inquiry we asked them and they said they had heard there was a loader in a neighboring town so they went there and talked with the man in charge. As the machine was satisfactory they asked the name of the manufacturer, and their letter wound up the phrase which heads this "ad." If you could see the many orders we are getting as a result of previous

sales you would know that our loaders must be good ones. A recent instance was a sale to Messrs Schultz, Baujan & Co. of Beardstown, Ill., who saw one of our loaders in Merritt, Ill. Isn't a loader which attracts customers in that way the kind you want? We make them in various sizes and are glad to send any desired information upon request.

MAROA MFG. CO.,

Maroa, Illinois

Any Weight

of grain up to 100,000 pounds is reduced to bushels by Clark's Decimal Grain Values, which also shows the value of any number of pounds in dollars and cents. Price \$5.00

GRAIN DEALERS JOURNAL

255 La Salle Street
CHICAGO - ILLINOIS

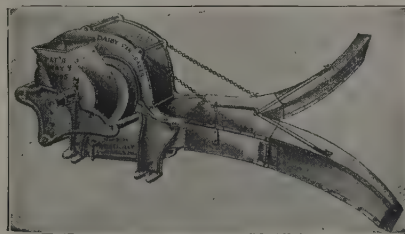
TONS to Dollars and Cents

Designed primarily for use of Coal and Hay Dealers. This book of tables shows at a glance the cost of any number of pounds of coal or hay at any price per ton from \$1.00, \$1.25, \$1.75, \$2.00 and so on to \$14.00. It is especially adapted for retailers. It is well printed on good paper, and bound in cloth. It has a marginal index. Size of book 4 1/2 x 8 1/2 inches, 110 pages.

Price \$1.00

GRAIN DEALERS COMPANY
255 LaSalle St. Chicago, Ill.

The car loader is simple in construction, easy to operate, has plenty of capacity and is a light runner. We have many customers who tell the same story such as the following:



Clinton, Mo., Dec. 5, 1907.

M. C. Lilly, Maroa, Ill.
Dear Sir:—I installed one of your Daisy Car Loaders in my elevator this fall and find it giving excellent satisfaction. It loads all cars without the necessity of putting a man in the car to attend to it and it cleans the corn thoroughly. I consider it one of the most important pieces of machinery in my elevator and would not be without it for twice the cost.

Very truly yours,
W. H. HURLEY.

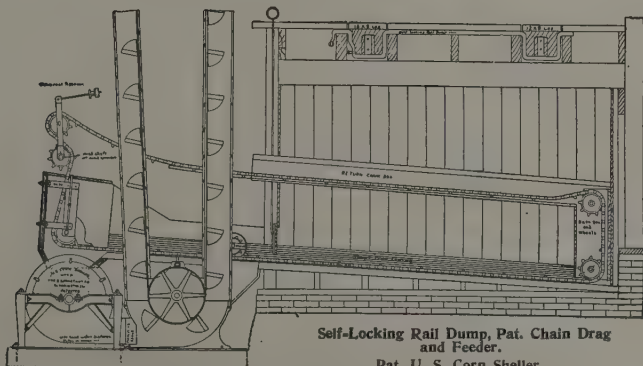
Bethalto, Ill., Feb. 11, 1908.

M. C. Lilly, Maroa, Ill.
Dear Sir:—We installed one of your Daisy Car Loaders in our elevator Jan. 30, it is giving excellent satisfaction. It loads a car to its capacity without putting a man in the car; it thoroughly cleans the grain without cracking it. We consider the money well spent in buying it and can cheerfully recommend the Daisy Car Loader to any one thinking of putting in a loader.

Very truly yours,
H. L. WINDSOR, Mgr. F. E. & P. Co.

Sent on trial.

M. C. LILLY, Maroa, Illinois



Self-Locking Rail Dump, Pat. Chain Drag
and Feeder.

Pat. U. S. Corn Sheller.

Are You Building a New Elevator Or Remodeling an Old One?

In either case, this is the best time, labor and space saving plan ever offered you. No expensive pit. We have pleased others, why not you?

Owensboro, Ky., March 7, 1908.

B. S. CONSTANT CO., Bloomington, Ill.
Gentlemen:—The No. 3 U. S. Warehouse Corn sheller we bought of you about a year ago, is the best sheller we have ever used. We are highly pleased with it.

Chas. Broeker & Co.

Write for No. 2 catalog. It will pay you.

REPRESENTATIVES:

NOTH-SHARP-SAILOR CO., Chicago, Ill.
RELIANCE CONSTRUCTION CO., Indianapolis, Ind.
FAIRBANKS, MORSE & CO., Kansas City, Mo.

B. S. CONSTANT CO., Bloomington, Illinois

ELEVATORS FOR SALE.

FOR SALE. A 5,000 bu. capacity elevator. Elias Fett, Beaver Dam, Ohio.

GRAIN AND BEAN ELEVATOR at a bargain, easy terms. Address Wm. R. Tompkins, Linden, Mich.

ELEVATOR FOR SALE in North Central Iowa. Address Cil, Box 7, Grain Dealers Journal, Chicago, Ill.

FOR SALE.—Two elevators, good location. Handle half million bus. annually. Address Cuppy Bros., Humboldt, Ill.

ELEVATOR AND COAL BUSINESS for sale. North east S. D. Address R. E., Box 8, Grain Dealers Journal, Chicago, Ill.

FOR SALE.—Elevator with good business in grain, hay, coal and feed at \$2,800 if taken soon. At Pekin, Iowa. Address Walter Harrison, Pekin, Iowa.

NEBRASKA 15,000 Bus. Eltr. on the C. B. & Q. R. R. in good town of 1,500 people. Address Bargain AA, Box 7, Grain Dealers Journal, Chicago, Ill.

TWO OKLAHOMA elevators for sale; in good repair and doing good business. For terms address Rett, Box 4, Grain Dealers Journal, Chicago, Ill.

FOR SALE: Large capacity, well equipped grain and bean elevator. If price don't suit make us reasonable offer. J. F. Cartwright Co., Davison, Mich.

FOR SALE, several desirable elevators situated on the C. M. & St. P. and C. G. W. Rys. Address Sheffield Mill & Elevator Co., Chamber of Commerce, Minneapolis, Minn.

FOR SALE or exchange for good farm land, terminal transfer and cleaning grain elevator at Kansas City, Mo. Address De, Box 4, Grain Dealers Journal, Chicago, Ill.

FOR SALE—Two modern elevators with Fairbanks Engines and well equipped. Capacity 20,000 each. Located in southern Minn. Address L. Box 48, Sioux Falls, S. Dak.

A FIRST CLASS ELEVATOR for sale in oats and corn belt of Ohio. All modern equipments. A bargain. Write for particulars. Address J. M., Box 7, Grain Dealers Journal, Chicago, Ill.

FOR SALE OR LEASE for a term of years 100,000 bushel elevator with every modern appliance. Good established business in Memphis, Tenn. Address Peg, Box 8, Grain Dealers Journal, Chicago, Ill.

25,000 BU. ELEVATOR for sale in good grain country on Omaha R. R. 45 miles east of St. Paul, Minn. Equipped with first-class machinery. Address Joe, Box 7, Grain Dealers Journal, Chicago, Ill.

FOR SALE: 25,000 bu. elevator and feed mill in southwestern Minn. Equipped with dump scales, hopper scales, cleaner, two engines and feed mill. Good wood, feed and seed trade. Address W. T., Box 7, Grain Dealers Journal, Chicago, Ill.

TWO FIRST CLASS ELEVATORS for sale in North Dakota: good business; large territory; no farmers or independent elevators at these towns. Can be bought very reasonable. Address Berg, Box 1, Grain Dealers Journal, Chicago, Ill.

ELEVATORS FOR SALE.

ONE BIG 4 ELEVATOR BARGAIN. West of Indpls. Ships 175,000 corn and oats. Big territory, no competition. \$8,500. Conditions A 1. Terms. Come at once. John A. Rice, Broker, Frankfort, Ind.

FOR SALE OR EXCHANGE for a small farm, an elevator located in north-eastern Ind. Doing a good business. Write for full particulars. Address Bargain, Box 5, Grain Dealers Journal, Chicago, Ill.

ONE OF THE BEST ELEVATORS and coal business in the central southern part of Kansas for sale. Large territory, doing good business. Address Arden, Box 8, Grain Dealers Journal, Chicago, Ill.

ELEVATOR on Wabash Ry. in St. Joseph Co., Ind., for sale. Capacity 10,000 bus.; no competition; good business and in center of good grain country. Bargain if taken soon. W. B. Calvert, South Bend, Ind.

ELEVATOR, RESIDENCE, coal and stock business for sale. Located in good Minnesota town with fine schools. Doing a good paying business. For particulars address, Dow, Box 8, Grain Dealers Journal, Chicago, Ill.

FOR SALE: Modern 60,000 bu. elevator in best corn and wheat section Southern Illinois. First class repair. Handle 200,000 bu. per year. Price \$11,000.00. Address Ren, Box 7, Grain Dealers Journal, Chicago, Ill.

FOR SALE OR EXCHANGE—Elevator property in town of 1,100. Handling 250,000 bu. annually. No competition. Or will exchange for cheaper elevator property. Address James M. Maguire, Campus, Ill.

FOR SALE—New 25,000 bu. elevator in Ill. Can show good business and best of reason for selling. Priced right. Would consider good land in exchange. Address Center, Box 8, Grain Dealers Journal, Chicago, Ill.

IF you are wanting to purchase a large or small mill or a good elevator in Kansas, Oklahoma or Nebraska, write me, as I have a list of good properties for sale. C. E. R. Winthrop, Room No. 404, Sedgwick Block, Wichita, Kan.

ELEVATORS FOR SALE—We have a large list of extra good bargains in elevators in first-class locations, doing good business. Write for prices, terms and descriptions, giving location you prefer. Iowa Mill & Elevator Brokers, Independence, Iowa.

ELEVATORS FOR SALE—Minnesota \$2,000, North Dakota \$2,000, South Dakota \$5,200, Iowa \$3,000, Minnesota \$1,500. These houses are doing a good business and are worth investigating. O. M. Myers, 210 Flour Exchange Bldg., Minneapolis, Minn.

NEARLY NEW ELEVATOR, over 40,000 capacity, with new 20 H. P. gasoline engine. Only elevator in town, and fine location. A great chance for some one as owner has other business and will sell at a bargain. Write M. K. Hammond, Stockton, Ills.

FOR SALE—We have for sale in Western Oklahoma, seven elevators located on the Rock Island in best wheat growing belt. Will sell for one-third cash, remainder one and two years, notes secured. Southern Elevator Company, Oklahoma City, Okla.

ELEVATORS FOR SALE.

FOR SALE: An elevator in N. D. on the Fargo Southern Div. of the Milwaukee R. R., also an elevator in Minnesota on the M. & St. L. Both are bargains. Address J. K. Elliott & Co., 301 Flour Exchange, Minneapolis, Minn.

FOR SALE—40,000 bushel cribbed elevator plant, including corn cribs, coal houses, etc., handling 300,000 bushels grain annually. Plant in first class condition, all well equipped. Price \$8,000. Address Laro, Box 8, Grain Dealers Journal, Chicago, Ill.

FOR SALE—Elevators handling from 100,000 bu. up to 400,000 bu. annually, located in good towns in Illinois and western Indiana. Write, phone or best of all come and see me. Have long list of satisfied purchasers. James M. Maguire, Campus, Ill.

" WILL EXCHANGE for good land a 50,000 bu. elevator handling from 260,000 to 300,000 bu. annually. Very modern and well equipped to handle grain. Cost over \$15,000. No competition. Small town in a good grain country. Address James M. Maguire, Campus, Ill.

MINNEWAUKAN, N. D., 15,000 bu. eltr., feed mill, wood yard, coal sheds, Wood saw on private property; seven lots, R. R. tracks in yard with fine residence in heart of city; do \$100,000 business each year. Consideration \$8,000. Chas. S. McGlenn, Minnewaukan, N. D.

ELEVATORS FOR SALE—3 elevators on R. I. in western Iowa, 2 with lumber yards, all with coal. 7 on M. & St. L. between Des Moines and Ruthven, taken together as good if not the best small line in the state. May consider Iowa improved farms for part. Answer L. B. 1055, Des Moines, Iowa.

ELEVATOR AND FEED MILL. Exclusive grain, seed, hay, feed and coal business in a live town in northern Indiana. Good surrounding country; general farming population, German descent. 2 R. Rs. Good reason for selling. Business good for \$80,000 annually. Address D. A. P., Box 11, Grain Dealers Journal, Chicago, Ill.

FOR SALE—75,000 bushel elevator at Willmar, Minn., division point Great Northern Railway. Is fully equipped both as receiving and cleaning house. Ample power, four legs, car pulper, power shovels, and all machinery necessary for the cleaning and handling of all kinds of grain. Duluth Elevator Company, Minneapolis, Minn.

TWO ILLINOIS ELEVATORS for sale at a bargain. 60,000 bus. eltr. on the I. C. R. R. handles 200,000 bus. corn and oats yearly. Also a 35,000 bus. eltr. nearby on same road which will handle 100,000 bus. annually. Both new and well equipped. Good coal trade at each station. Address C. C. C., Box 6, Grain Dealers Journal, Chicago, Ill.

FOR SALE or trade. Three elevators at two stations on I. C. R. R. Best stations in Central Illinois. One station capacity two elevators 110,000 bu. part ear and part shelled cribs 6,000 bu. We handle 450,000 bu. annually. Other station capacity 30,000 bu. and handle 125,000 bu. annually. Best competition at larger station and none at other. All buildings in best of condition. Good churches and schools. Reasons for selling, other business. Will trade for Illinois land or can give time on half. Address Hac, Box 4, Grain Dealers Journal, Chicago, Ill.

ELEVATORS FOR SALE.

ELEVATOR FOR SALE: 100,000 bu. capacity, doing business of about 500,000 bushels a year. Located in best grain district of western Indiana, on the Chicago & E. Ill. railroad, about 100 miles from Chicago. The plant has first class equipment and is in perfect order. Write for full description and particulars. Address Nile, Box 1, Grain Dealers Journal, Chicago, Ill.

FOR SALE—Elevator, iron clad, located in central Ohio on T. & O. C. R. R. Price \$6,000. Time on part or will exchange for a clean stock of general merchandise, if in Ohio. Capacity elevator 15 M. bu. Lumber and coal yards in connection. Coal 1,200 tons; lumber \$25,000 annually. Handles 100,000 bu. grain. Machinery and buildings in good condition. Fairbanks, Morse gasoline engine 16 H. P. This is a bargain as the grain and lumber season is now here. Best of reasons for selling. Address Swan, Box 8, Grain Dealers Journal, Chicago, Ill.

MISCELLANEOUS.

MEMBERSHIP in St. Louis Merchants Exchange for sale. Address D. P. O., Box 45, Little Rock, Ark.

ADDRESS WANTED of H. H. Churchill of the Churchill Grain Co., St. Louis, Mo. Have communication for him. Address Hill, Box 3, Grain Dealers Journal, Chicago, Ill.

\$3,000 yearly in the real estate business. Experience unnecessary, as we teach you by mail and appoint you our special representative. Free particulars Am. School of Real Estate, Dept. 6, Des Moines, Ia.

GALLATIN VALLEY LANDS. We have the exclusive sale of 14,080 acres of good Agricultural land, located a few miles from this city. These lands will be sold in tracts to suit, on easy terms at prices that will make every investor money. Write for list and full description. H. S. Buell, Bozeman, Mont.

WHOLESALE GRAIN, HAY AND FEED MILL business for sale at Baton Rouge. Property includes 90 x 100 ft. ware house; 90 x 128 ft. lot; 4 young mules; new harness; 2 new floats; platform scales; water works; electric lights and brokerage accounts. Everything new and of best material and in good condition. Large trade and the business is growing every day and now has all the business it can handle. 48 cars of feed handled this year besides car lots sold out of the city. With the addition of flour and meal the business would double. A bargain and dirt cheap. Selling to settle estate of senior member of the firm. Price \$8,500.00 cash. Apply to J. D. Hendrick, Baton Rouge, La.

FOR RENT.

FOR LEASE.—For term of years. warehouse and elevator located on the Mo. Pac. in Kansas City, Kansas. Warehouse capacity 600 tons of hay, chop mill 800 bags, grain storage 7,000 bus., all nicely and conveniently arranged, new and in first class condition. Unequaled shipping facilities to all points, and especially the south. This is a money maker. Write for particulars. Address Warehouse, Box 6, Grain Dealers Journal, Chicago, Ill.

ELEVATORS WANTED.

WANTED to trade for a good elevator. F. P. Hawthorne, McPherson, Kans.

ELEVATOR WANTED handling not less than 100,000 bus. Address Lock Box 5, Holland, Iowa.

WANTED to lease or buy an elevator handling from 150 to 200 cars yearly. Address T. B. Marshall, Sidney, Ohio.

WANTED; to buy four to six elevators with good business in W. Iowa or Nebraska. Address Lock Box 6, Cumberland, Iowa.

WANTED to lease an elevator and coal yard doing a good business. Address Rad, Box 7, Grain Dealers Journal, Chicago, Ill.

WANTED to lease one or more elevators in Iowa or Neb., handling 100,000 bu. or more yearly. Address L., Box 103, Templeton, Iowa.

ELEVATOR WANTED in southeastern Nebr. or northeastern Kans. Must have a good business and good competition. L. L. Coryell, Auburn, Neb.

WANTED: To buy an elevator at good point in N. Dak. State full particulars in first letter. Address John, Box 7, Grain Dealers Journal, Chicago, Ill.

WILL PAY CASH for an elevator on a good line in a good live town in central Ind. handling 150,000 or better. Address K. L. E., Box 7, Grain Dealers Journal, Chicago, Ill.

WANT TO BUY an elevator in hard wheat belt in Kansas. Capacity 10,000 to 15,000 bus. Give price and description in detail, also how many competitors. J. W. Machin, Dorrance, Kansas.

FOR TRADE—166 acres farm land in S. E. Kansas, stone house. 125 acres under-flow, balance fine timber, to trade for elevator and feed business. Write particulars. C. L. Bowdish, Pottsville, Mich.

HELP WANTED.

WANTED—Experienced manager for elevator at wheat station. Good town. Give references and experience. The Farmers Grain & Supply Co., Spearville, Kas.

WANTED—A young man who absolutely understands general mdse., no snap, but want a worker. Must be strictly temperate. Address Dee, Box 8, Grain Dealers Journal, Chicago, Ill.

WANTED to employ an experienced man to handle an elevator in southeastern Nebraska. Elevator 65,000 bushels capacity and gasoline power. Man must be experienced in both field seeds and grain and willing to load cars and do other all round work. Address Box 345, Beatrice, Neb.

SITUATIONS WANTED.

POSITION WANTED. 13 yrs. experience. References furnished. Address P. N., Box 8, Grain Dealers Journal, Chicago, Ill.

POSITION WANTED as manager of elevator; have had four years experience in grain. Address R. R. Letner, Ash Creek, Minn.

POSITION WANTED as mgr. of eltr. line or as traveling solicitor. 10 yrs. experience. Address H. C. N., Box 2, Grain Dealers Journal, Chicago, Ill.

SITUATION WANTED as traveling solicitor. Iowa territory preferred. Experience, references. Address Ada, Box 4, Grain Dealers Journal, Chicago, Ill.

WANTED: Situation with cash grain or brokerage firm. 27 years exp. on Chicago Board; would travel. Address Z, Box 8, Grain Dealers Journal, Chicago, Ill.

POSITION WANTED as manager of a grain business; 15 years experience. Best references furnished. Address Val, Box 7, Grain Dealers Journal, Chicago, Ill.

POSITION WANTED as grain buyer in country town. Two years experience. Norwegian and American spoken. Address P. E. R., Box 8, Grain Dealers Journal, Chicago, Ill.

SITUATION WANTED with good reliable firm as solicitor. Thoroughly acquainted with the grain trade in Iowa. Best of references furnished. Address P. Eide, Story City, Iowa.

WANTED—Position as manager of elevator in Ohio or Eastern Indiana. Reference as to experience, character and ability. Address G. C., Box 6, Grain Dealers Journal, Chicago, Ill.

WANTED POSITION as grain buyer in country elevator; have had six years experience. American and Norwegian spoken. Can give best of references. Address H. E. Larson, Toronto, S. D.

POSITION WANTED with grain co. in southern Kans. Have had 5 years experience in grain business. Work any capacity. Reference furnished. Address Kansas, Box 8, Grain Dealers Journal, Chicago, Ill.

WANTED A POSITION by a practical grain man as mgr. of a cleaning house or country elevator. At references in regard to character and ability. Address Wood, Box 7, Grain Dealers Journal, Chicago, Ill.

POSITION WANTED as bookkeeper and general office man by married man 25 years of age, steady, temperate, five years experience. Prefer location in Illinois. Address Os., Box 3, Grain Dealers Journal, Chicago, Ill.

SITUATION WANTED as manager, bookkeeper and general office man by an experienced married man; fully competent to buy, weigh and sell; steady, temperate and industrious. Address Ridge, Box 7, Grain Dealers Journal, Chicago, Ill.

WANTED—Position as manager or buyer by married man, at a country station. Indiana or Illinois preferred. 3 years experience. Best of references and bond given. Address Mason, Box 8, Grain Dealers Journal, Chicago, Ill.

The Value

of an "ad" is not measured by what it costs, but by what it pays the advertiser.

ENGINES FOR SALE.

GASOLINE engines for sale, 10 h.p. Temple Pump Co., 15th Place, Chicago.

20 H. P. GAS ENGINE FOR SALE. American Hardware Mfg. Co., Ottawa, Ill.

FOR SALE—One 10 H. P. Hart-Parr Gasoline engine. Address C. F. Freehauf, Cresco, Iowa.

FOR SALE: 5 H. P. Fairbanks, Morse & Co. gasoline engine in first class condition. Inquire of G. B. Hager, Dwight, Ill.

ONE 25 HORSE OTTO GAS ENGINE, never used, good reason for selling. Address William Mayo, Rochester, N. Y.

FOR SALE—18 H. P. gasoline engine in good running condition. Price \$180. Comet Motor Works, 47 S. Canal St., Chicago, Ill.

GAS AND GASOLINE ENGINES FOR SALE. Also steam engines, electric motors and generators. Complete plants installed. Ridgway Dynamo & Engine Co., 907 Andrews Bldg., Cincinnati, Ohio.

FOR SALE several gasoline or gas engines from 5 h. p. to 50 h. p., various makes, quick shipments and satisfactory warranty. We also have stock of steam engines and boilers. Address South St. Louis Foundry, No. 7514 South Broadway, St. Louis, Mo.

FOR SALE—A Bargain. 1 Corliss engine, 120 H. P.; condition, first class in every respect; cylinder 14 x 42; diameter of fly wheel 12 feet; revolutions per minute 18. Offered for sale because of change to electric power. Hastings Table Co., Hastings, Mich.

FOR SALE: 12 H. P. and 16 H. P. White Stationary gasoline engines; 20 H. P. 4 cylinder marine engine; 15 H. P. steam engine and boiler on skids; 12x8½x10 duplex Worthington steam pump. All in excellent condition. Address Enterprise Machine Co., Minneapolis, Minn.

GAS ENGINES FOR SALE.

- 22 H.P. Fairbanks-Morse.
- 16 H.P. Fairbanks-Morse.
- 12 H.P. Fairbanks-Morse.
- 8 H.P. Fairbanks-Morse.
- 20 H.P. Otto.
- 8 H.P. Otto.
- 10 H.P. Ohio.
- 25 H.P. Columbus.
- 10 H.P. Webster.

Also fifty engines of smaller sizes and all makes. A. H. McDonald, 36 W. Randolph St., Chicago.

MACHINES FOR SALE.

FOR SALE—Oat Clipper and Feed Grinder cheap. New Hartford Mill, New Hartford, Iowa.

FOR SALE: Western Corn Sheller, No. 2½, capacity 400 to 500. Good as new. Address A. H. Richner, Crawfordsville, Ind.

FOR SALE—One Double 6 x 16 feed roll newly corrugated for all class of work; also a 20 inch under runner French buhr as good as new. Prices right. Address E. Brunner, Hope, Kans.

MISCELLANEOUS FOR SALE.

FEED MILL and gasoline engine for sale. Standard Lumber Co., Winona, Minn.

FOR SALE—One pair tight and loose pulleys, 30 inch diameter, 6 inch face, 1 15/16 bore. L. B. Spracher & Co., Sibley, Iowa.

GRAIN TESTERS: Three sizes, one pint, one quart and two quarts. Guaranteed correct, sent on trial. Write for prices. A. S. Garman Co., Akron, Ohio.

HALL SAFE FOR SALE. About 5 ft. high by 5 ft. wide, burglar and fireproof. First class condition. Address Springfield Milling Co., Springfield, Minn.

GRAIN PURIFIER FOR SALE. Can be installed in any elevator. It is a great money maker. For further information address Lock Box H, Earl Park, Ind.

BELTING, ETC., FOR SALE. Belting, Pulleys, Shafting, Oils, Greases, Roofing, Car Pushers, Boiler Compound, Injectors, Grates, Packing, Lace, at right prices. Miller Oil and Supply Co., Indianapolis, Ind.

ORDINARY KEROSENE successfully operates gasoline engines when equipped with Ideal Vaporizer. This means cutting the fuel bill in two. Write today for prices and further particulars. Ideal Vaporizer Co., Box 288, St. Joseph, Mo.

FOR SALE: two two-compartment Greiner moisture testers for gas, with glass flasks, etc. Used not to exceed six times. Price complete, \$25.00 each f. o. b. Chicago. Address Hess Warming & Ventilating Co., 907 Tacoma Bldg., Chicago, Ill.

FOR SALE.

- One Cass Flour Sifter—\$60.
- One Allis Flour Reel—\$20.
- One Minneapolis Centrifugal Reel—\$20.
- One Willford Double Scalping Reel—\$20.
- All in good order. E. C. Hogan, Carlsruhe, Ill.

ENGINES AND BOILERS.

50 H. P. S. V. Eng. and Hor. tube boiler. Real Bargain. J. H. S., Milford, O., R. R. No. 2.

FOR SALE—40 horse power horizontal tubular boiler. Insurance Co. is carrying it at 75 pounds pressure. G. B. Griffin, Charleston, Ill.

GOOD BOILERS FOR SALE.

- 4-60 In. Diameter 16 ft. long, 90 H. P. 58 Flues.
- 4-66 In. Diameter 16 ft. long, 100 H. P. 42 Flues.
- Address South Chicago Elevator Co., 240 La Salle St., Chicago, Ill.

FOR SALE.

ENGINES AND BOILERS.

Engines—Corliss, Automatic and Throttling, all sizes from 1 to 500 H. P. Boilers—Horizontal, Portable and Vertical, all sizes from 1 to 200 H. P. Pumps, Heaters, Tanks, Saw Mill and General Machinery.

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SCALES for elevators and mills; lowest prices. Chicago Scale Co., Chicago.

FOR SALE one pair of Fairbanks track scales, second hand. S. W. Allerton, Allerton, Ill.

THE BEST heavy scales for grain dealers. Government Standard Scale Works, Terre Haute, Ind.

FOR SALE: New and second hand wagon, hopper and R. R. Track scales at reduced prices. All kinds of scales repaired. Beckman Bros., Des Moines, Iowa.

SCALES of all kinds repaired rebuilt, tested and sealed. Elevator and mill scales our specialty. All work guaranteed. Address Young Bros., 1 Bridge St., Toledo, Ohio.

STANDARD SCALES for mill and elevator purposes. Steel frames for all standard make of scales. We meet every requirement of the best of the grain trade. Standard Scale & Mfg. Co., 601 East Court Ave., Des Moines, Ia.

SCALES WANTED.

WANTED TO BUY: Track scales not under 40 feet. Must be good as new. Quality Mills, Austin, Texas.

MISCELLANEOUS WANTED.

WANTED—A few second hand gravity or needle machines. Must be in first class condition. Address H. S. C., Box 8, Grain Dealers Journal, Chicago, Ill.

MILLS FOR SALE.

FOR SALE—Good Mill and water power hotel and warehouse, joining with 5 acres of ground. Price \$4,000. L. King, Mill Grove, Mo.

FOR SALE 60 bbl. Plansifter Mill at Dry Ridge, Ky. Plenty wheat, fine grist trade. Rare chance for first-class miller who has little money. Address Robt. Taylor quick, Higginsport, O.

50 BBL. FLOUR MILL FOR SALE. Also fine dwelling, three tenant houses, blacksmith shop, fruit, garden, etc. For full information address James T. Henderson & Co., Sandy Spring, Md.

FOR SALE CHEAP. A fifty barrel roller mill in good condition; good trade; located in fine wheat section in south eastern Ohio with good shipping facilities. For further particulars call on or address J. H. Martin, New Lexington, O.

MILLS WANTED.

FLOUR MILL WANTED—75 to 100 bbls. capacity in prosperous growing city of 10,000 population. Cheap power, splendid market. Mining and agricultural resources. Address N. C. Haskell, Board of Trade, Baker City, Oregon.

Vest Pocket Grain Tables

reduce any number of pounds from 10 to 100,000 to bushels. For all kinds of grain. Size 2½ x 8½ in. Printed in 2 colors. Price 60 Cents.

GRAIN DEALERS JOURNAL.
CHICAGO, ILL.

SEEDS FOR SALE.

GRASS SEED, Seed Grain, Onion Sets, Cow Peas, etc., for sale. D. I. Bushnell & Co., St. Louis, Mo.

KANSAS GROWN Alfalfa and other grass and field seeds for sale. Address J. G. Peppard, Kansas City, Mo.

FANCY RECLEANED GERMAN MILLET SEED. Write for samples and prices. Yost & Sherrick, Libertyville, Iowa.

ALFALFA SEED, government tested. Whipperwill Cow Peas, excellent quality and right prices. J. E. Wing & Bros. Seed Co., Mechanicsburg, O.

N. W. IOWA GROWN SEED CORN for sale. Ear or shelled. Also pop corn to plant or pop, and feeder corn in car lots. Iowa Grain & Mfg. Co., Odebolt, Iowa.

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WHIPPOORWILL COW PEAS. We have several cars of Whipperwill Cow peas ready for immediate shipment. Write or wire for prices.

TEXAS SEED & FLORAL CO.
Dallas, Texas.

WE HAVE IN STOCK TODAY:—Twenty carloads Millet seed; Fifteen carloads Kaffir Corn; Ten carloads Cane seed; Five carloads Alfalfa seed. All Kansas grown and re-cleaned. Ask for samples and prices. The Barteldes Seed Co., Lawrence, Kans.

CORN FOR SALE.

GOOD CORN FOR SALE. C. P. Whitney, Keosauqua, Iowa.

WE ARE OPERATING 18 stations in Iowa and Missouri. Also handle Omaha corn. Will quote you any time on ear or shelled corn. Write us before you buy. R. W. Taylor & Co., Runnells, Iowa.

CHOICE NEBRASKA CORN FOR SALE. Wire us at our expense for prices on choice Nebraska No. two corn, delivered at stations in Iowa, Illinois, Minnesota and Wisconsin. Cavers Elevator Co., Omaha, Neb.

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FOR SALE—Oats and corn in car lots. Ask for quotations. Buckland Mfg. Co., Buckland, Ohio.

FOR CHOICE Kansas Milling Wheat, either "Turkey" or the ordinary "Hard" variety, Kaffir Corn or Cane Seed, write The Western Grain Co., Wichita, Kan.

FOR SALE:—GROUND ALFALFA FEED in hundred pound bags. Samples and delivered prices upon application. The best feed on the market today. F. G. Olson Grain Co., Wichita, Kans.

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NEW BURLAP BAGS made up promptly; bottom prices. We buy reliable second-hand bags, and carry all kinds in stock; get our prices. William Ross & Co., 59 So. Water St., Chicago, Ill.

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WANTED—Red, Alsike and Mammoth Clovers, Timothy and Millet seeds. J. G. Peppard, Kansas City, Mo.

WE ARE in the market for Clover, Alfalfa, Millet, Cane Seed. If any to offer send samples and quote prices. Younkerman Seed Co., Council Bluffs, Ia.

WANTED—To buy millet for chicken feed, small lots or car load. Please send sample and price and state how much you have to offer. Address P. O. Box 772, Peoria, Ill.

WE BUY Medium, Mammoth or Alsike Clover, Amber Cane, Timothy, Hungarian, German Millet, Speltz, Grain screenings and grain for chicken feed, popcorn, etc., in car lots or less. The Kelly Co., Seed merchants, Cleveland, Ohio.

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HOT AND DAMAGED CORN of every description wanted. Address L. F. Miller & Sons, 2931 N. Broad St., Philadelphia, Pa.

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Peas, Beans, Bags, etc.
MINNEAPOLIS, MINN.

DO IT NOW.

GRAIN DEALERS' JOURNAL

286 La Salle St., Chicago, Ill.

Gentlemen:—Enclosed find One Dollar and Fifty Cents for which please send the *Grain Dealers Journal* on the 10th and 25th of each month for one year to

Name of firm.....

Capacity of Elevator Post Office.....

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POPCORN—Those having this commodity for sale submit 4 oz. sample with lowest price, shelled, cleaned and sacked, any track. Bradshaw Co., 286 Greenwich St., New York.

MISCELLANEOUS.

WANTED: Flour, Corn Meal, Hay and Grain. I want the agency for the sale of a very high grade of patent flour. A winner—also Corn Meal, Hay and Grain. W. J. Booker, P. O. Box 44, Memphis, Tenn.

COTTON SEED MEAL FOR SALE.

COTTON SEED MEAL for sale. We are manufacturers. Can quote low prices on best grades. Chickasha Cotton Oil Co., 136 L. S. Exchange, Kansas City, Mo.

PURE OWL BRAND COTTONSEED MEAL. Known every where for its high feeding qualities. Registered analysis. Write for prices and booklet on feeding. F. W. Brode & Co., Memphis, Tenn.

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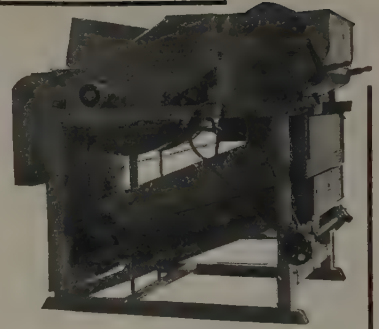
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Compound
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It's a new make of an old reliable cleaner, two in one, that enables you to clean two kinds of grain, by changing from one to the other, without changing screens or stopping machine.

You can't help being interested for it was made for you. Install any place in elevator and it doesn't need to be braced. Stands still while in motion.

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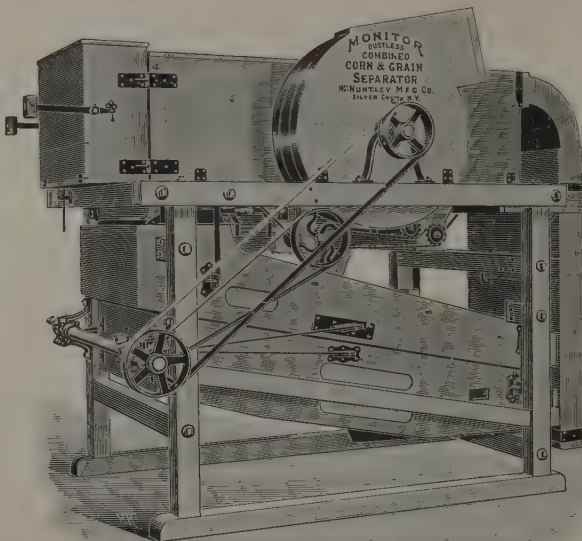
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C. L. Hogle, 623 Board of Trade, Indianapolis, Ind.

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The screens of this machine do not have to be changed in swinging from corn to wheat.

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The Advertising

value of The Grain Dealers Journal as a medium for reaching the progressive grain dealers and elevator men of the country is unquestioned. The character and number of advertisements in its columns tell of its worth. If you would be classed with the leading firms place your announcements in the leading Journal.

The rate for Advertisements in the "For Sale" and "Wanted" Departments is 15 cents per line for each insertion.

Letters

on subjects of interest to those engaged in the grain trade, news items and crop reports are always welcome.

Entered as Second-Class Matter Aug. 5, 1898, at the Post Office at Chicago, Ill., under Act of March 3, 1879.



GOLD MARKS SIGNIFYING QUALITY
OF CIRCULATION HAVE BEEN
AWARDED THE GRAIN DEALERS
JOURNAL BY THE AMERICAN
NEWSPAPER DIRECTORY

CHICAGO, ILL., APRIL 25, 1908.

TO ALL dealers about to contract new oats we confidentially yell DON'T!

HAVE you advanced any money on the 1908 crop? Why? Can you advance one good argument in defense of such action?

UNIFORM Bs/L without the 120% clause must be demanded in a much louder voice and by more shippers or organizations if anything reasonable is to be obtained.

PATRONS of mutual fire insurance companies making a specialty of insuring grain elevators and contents will not have their insurance cost increased by reason of the \$12,000,000 conflagration at Chelsea.

SCOOPERS have been unusually active in Indiana and Ohio of late, but rotten corn has compelled them to desert the job without fulfilling their contracts or leaving their addresses. May they always wander.

PICNICS and excursions are being planned by the coal trade for the purpose of fostering friendly feelings and helping dealers to be considerate of one another. Cut-throat competition never helped the competitors or the community.

RAISING invoice weights may prove a profitable pastime occasionally but the offender is sure to be detected, and publicity cure him.

POSTAL CARD bids occasionally make trouble for dealers in towns having curious postmasters. Then the recipients wish their mail was sent sealed.

GRAIN SHIPPERS who fail to work and talk for reciprocal demurrage will be sad when their business is again blocked by a scarcity of cars. Several bills are pending but no organizations or shippers seem to be pushing.

WHEAT shippers need to keep a sharp lookout for Velvet Chaff Wheat, as millers who know its flour-making value will not buy it at any price. Its growth is being discouraged by many millers and grain dealers of the Northwest.

OVERCHARGES on grain shipments will be refunded promptly by carriers if claim papers are properly made out and presented. The claim departments no longer strive to wear out claimant's patience by delay, but to win patrons good will by fair treatment.

THE PRINCIPAL COST of painting an elevator is for the labor needed to spread the weather protector over the boards, hence it is easy to perceive that the most durable paint is by far the least expensive. The best is none too good, but it may obviate the necessity of repainting next year.

OLD WORN-OUT elevators should not be used until they fall in a heap. The satisfaction, convenience and economy of operating a modern up-to-date elevator alone should be sufficient to prompt every owner of out-of-date facilities to take advantage of the low prices prevailing for lumber and labor.

PARTICIPANTS in arbitration contests are accepting decisions contrary to their own interests with better grace than ever, and the time is not far distant when all members of the trade will not only quickly accept decisions by their peers in the trade, but will seek relief in arbitration the first time a difference arises.

STORING grain free for farmers never won any trade or made any money for country elevator men. All grain men who discuss the practice condemn it. If any firmly believe in tolerating the abuse they have never attempted to defend their action. The arguments so far presented are overwhelmingly against the grain dealers shrinking his handling capacity to accommodate a farmer who will tempt all the other buyers to bid high for grain in their competitors' bins, if for no other purpose than to advance the price on him. Country elevator men are grading receipts more closely than ever and need more bins for correctly classifying which pays them far better than baiting trade with free storage.

NOTWITHSTANDING the quality of last year's corn crop has been very poor, no one has suggested that it be used for fuel. The average price has been considered high, yet some grain dealers of long experience are predicting a much higher range of prices, because new uses are continually being found for it.

GROUND corn cobs have been passed by Tennessee feed inspectors with the result that the Southeastern Millers Ass'n has adopted resolutions warning Commissioners and inspectors whose duty it is to enforce the law and expressing a determination to have the feedstuffs laws rigidly enforced. Inspectors who depend upon their salaries for an income will starve.

SCALE BEAM POISES, which have ledges or openings that catch dust, should not be tolerated in a grain elevator, even tho weighmen be instructed to brush off and clean them out daily. Weighmen occasionally forget or intentionally neglect cleaning their beam poise with the result that sufficient dust soon accumulates to prevent correct weighing by scale. Scale beams and poises require daily dusting if correct weighing is to be done.

LEGISLATORS need to investigate thoroly all dealing in futures before they can hope to differentiate between bucket shop methods and legitimate exchange transactions. The average legislator, like the average citizen blames the exchange for the crimes of the faker who pretends his bucketshop is a branch of all the exchanges. Careful investigation by any number of fair minded men will always prove beneficial to the regular exchange.

IF 95% of the railroad stocks placed on the market up to 1883 were water, as told by railroad financier Thos. F. Ryan to the New York grand jury this week, how much water has been injected into stocks marketed since then. As the railway managers need so very much water, grain shippers should be able to arrange to pay freight bills with watered money, unless the stock jobbers demand for water should become so great as to deprive the crops of their share, then every loyal grain dealer should put on his fighting clothes.

ALFALFA meal seems to be gaining in popularity very rapidly, and the trade in it is growing at a remarkable rate. Milk cows everywhere endorse it as the best, even preferring it to wheat bran. The natural result is that alfalfa meal mills are springing up at many points in the alfalfa producing sections and a number of the elevator men have equipped their houses for grinding alfalfa with the result that they are on the high road to millionairehood. Colorado dealers claim that alfalfa grown in that state excels all other in quality and color.

WIDE MARGINS of profit in any line of business are in themselves a powerful influence for smaller margins because the wider the margin the more competition they attract.

CLAIMS against railroads which are declined by the ever overofficial claim agent would often be granted were the case submitted to arbitration before representatives of both parties at interest.

FREE Canadian wheat for the manufacture of flour for export is being earnestly sought by millers' associations, but it is very doubtful if Congress will dare make the desired change even when the tariff is revised.

SHIPPERS who provide material for cooping cars and constructing grain doors should insist that station agent note on both B/L and W/B that he furnished the material. This will facilitate his collecting cost of placing cars in condition to receive his grain.

WITH the Argentine shipping oats to the United States and South Africa exporting corn, America's opportunity to monopolize the import grain trade of European countries is farther away than ever. The Orange River colony has exported several hundred thousand bags of corn this season with more to follow.

BUCKET-SHOPS received another very discouraging blow this week from the New York legislature, which enacted a new law in an effort to drive this class of swindlers out of the state. They have done so much to bring future trading and the grain business in general into disrepute they should be tolerated no where on earth.

NEARLY time for the crop experts to unearth a new agency for destroying the wheat crop. All their fond hopes of having the assistance of the green bugs in supplying market stirring sensations have been abandoned. The condition of the growing crop, known already to be good, monotonously continues to improve, despite the large number of crop reporters in the field.

AN ELEVATOR superintendent whose plant is operated by electricity was recently amazed to find that the covering to his elevator head on the upside of leg had actually been worn through by the grain. A little investigation developed the fact that the leg was being run nearly twice as fast as was necessary, and as a result much of the grain was thrown from the cups as they passed onto the head pulley and fell down the up leg instead of being delivered from cups as they passed over the head pulley. The useless extra expense for power in this case was no doubt very discouraging to the owner, and had not the hole in hood been discovered the electric power might have been displaced by steam.

MANY country towns are now arranging to hold corn shows next fall and raising funds and securing prizes that same may be well advertised in advance and thereby induce farmers to give more careful attention to the selection of seed and the cultivation of the growing crop. A good move with which grain shippers should be actively identified, but why limit it to corn?

A NEW danger threatens railroads which discriminate in favor of one shipper and against others in the matter of freight rates. The firms of Little Rock, Ark., who were unable to secure the 1¼ cts. allowed T. H. Bunch by the Mo. Pac. R. R. on grain shipped into Little Rock and milled assert that they will begin suit for damages to their business. If the offending carrier is also fined by the Federal Government for violating the laws it will pay so dearly for the privilege of discriminating against any shippers as to desist henceforth.

ONE of the latest firms to be afflicted with a careless shipping clerk is the Palmer Paint Co., of Chicago, Ill., which seems to have a barrel of the "best paint" at station near you, which it does not wish "to ship back to Chicago on account of transportation charges." Grain dealers who have been receiving letters offering this barrel at greatly reduced price have been favoring us with the letters instead of grabbing at the bargain. This may have been a good scheme for working up business fifty years ago, but fakers long since brot it into disrepute.

THE ACTION of the Southern Kansas Millers Club in allowing an injunction to be issued against their controlling prices gives the political trust busters an opportunity to befuddle the common people by burning a fresh lot of red fire, but the millers will lose nothing. The day has passed when it becomes necessary to control a business man in order to save him from his own folly and the sheriff. Grain dealers as well as millers recognize they must realize a living profit if they are to meet their own bills. Cutthroat competition no longer finds favor even where personal enmity exists.

A SOUTHEASTERN correspondent complains most bitterly because of the wide variations in the quality of No. 2 oats purchased from different markets. After he has studied the inspection rules of those markets he will wonder how the variation happened to be so small. When the rules are uniform, as they should be, buyers will have a clearer idea of what is intended by sellers. The opportunities for misunderstandings will be reduced and the work of the inspectors will be easier. If the trade cannot agree upon uniform rules for all grades at once let uniform rules for oats be given a fair trial and they will never be abandoned.

KENTUCKY millers are reported to have been fined for failing to furnish sacks to farmers for marketing their wheat. It may be that the millers would have escaped had they put in appearance to defend their action, but failing to be represented in court they were given a good sized fine. If wheat buyers must supply bags to farmers the time can not be far away when they will also be required to supply farm implements, animals and capital. The practice of lending bags has led to many lenders being greatly imposed upon and there seems to be no good reason why the practice should be continued in any section of the country.

NOTWITHSTANDING a reduction of 40 to 50% in the price of lumber builders of terminal storage elevators continue to insist upon fireproof materials. The cost of maintenance and operation of a wood storehouse is so much greater than a fireproof structure none can afford to build such in a grain center except for temporary use. The depreciation, cost for repairs, insurance and painting of a wood storage elevator make the fireproof elevator much cheaper as well as safer. The fireproof elevator is still uncommon at country stations but its number is on the increase and as elevator men come to recognize the advantage of building elevators on their own ground they will build more fireproof structures.

THE Western Trunk Line Ass'n, which for a time seemed determined to charge 20% for assuming liability for safe delivery of freight has finally adopted an amendment known as amendment No. 64, which carries with it a substitute of rule No. 4 relating to Immunities of Carriers. The new rule which will become effective May 8th provides that "No carrier or party in possession of any of the property provided for in the western classification shall be liable for any loss thereof or damage thereto for causes beyond its control." While this new rule is in a way reasonable, still it is in conflict with clause 20 of the Interstate Commerce law which makes the initial carrier liable for damage or loss of shipment originating on its line. It seems rank folly for carriers to attempt to limit their liabilities. No doubt they will be able to escape common law and statute liabilities if shippers sign a contract so releasing them. But no shipper who is alive to his own interests will sign anything of this character. The shipper has enough to contend with without assuming the responsibility for carelessness of the carrier, its employees and connecting lines. Such amendments to B's/L or contracts effecting shipments will make it next to impossible for shippers to obtain advances from banks on Bs/L.

HEAVY GRAIN RUNS OUT FIRST.

Grain elevator men, who bag shipments from large bins, are frequently amazed by the amount of light weight stuff drawn from the bin at the last. It is the same with all bins. The variation between the first and last drafts from bin being large or small as is the bin large or small.

Expert inspectors may guarantee that grain of uniform quality has been placed in bin, yet notwithstanding it will be impossible to put near as many pounds of the bin's contents in same sized bags at the termination as at the beginning. The heavy grain insists on getting out of the bin first and pushes the light grain to one side compelling it to wait until all of the heavy grains have passed out.

This accounts for disappointing inspections of many shipments. The last of the bin's contents, which is always the lightest, is thrown in on top of car load and the inspectors or samplers in drawing their sample get more of the light weight grain, and so judge the quality of the entire load. Any shipper who will mix a few bushels of heavy weight wheat with light weight oats and spout them into a glass hopper will be amazed by the quickness with which the heavier grain will secure the lead in passing down and out.

AGENTS ASSOCIATION.

Agents of line companies from time to time have written us in favor of an organization of agents, which should be the means of helping members to positions and a better knowledge of the grain business. These contributors have invariably asked that their communications be signed anonymously and by so doing have shown a lack of earnestness, and at the same time placed their actions under suspicion.

It would be extreme folly for the agents of line elevator companies to attempt to organize a labor union and their employers know it. They are too scattered ever to be able to force any unwelcome regulations or limitations upon their employers. An association of agents, which should seek to give each the benefits of the experiences of others thru discussion in opening meetings, would be helpful not only to the members but also to the business of their employers. Such an organization would benefit all, and no one identified with it would need to hide his name or make any excuses whatever for its existence or attempted formation.

Any association of agents which honestly seeks to help its members no doubt would receive encouragement from many elevator companies, as its success would insure more efficient and more loyal agents. Competition is increasing and the demand for agents of greater business ability, tact and experience is likewise increasing.

WHEAT PRICES are likely to have a crushing fall ere long and someone will get hurt.

TELEGRAPH advices are to the effect that eastern trunk line officials held a meeting recently to discuss the proposed increase in class freight rates to meet changed conditions. Rates are seldom advanced because an advance is justified, but merely for the purpose of readjustment. The one change more greatly needed by the grain shippers of the country than any other is the simplification of grain tariffs so that would-be shippers can readily learn the correct rate and know what they can afford to pay for grain.

PROPOSED SEED TRADE LEGISLATION.

The seed trade is one of the latest lines to be attacked by the one perfect department of all Government—the Agricultural Dept. which seeks to secure the enactment of laws that will encumber the entire trade with an army of inspectors and red tape because some impure and mixed seeds have been found in the possession of dealers. Even tho all the seed came out of one field as the result of one harvesting the wiseacres would brand it "adulterated." If nature is not more careful she may be denounced and imprisoned for producing such large crops of mixed seed.

The farmers for whose benefit the pure seed bill is ostensibly introduced will be among the heaviest losers in the event of its passage with requirements of purity impossible of performance. The seed dealer will refuse to buy seed that he cannot sell. The government's demand that certain seeds shall be 98 per cent pure is preposterous when planters are glad to pay a big price for seed that the dealer assures them is only 50 per cent pure.

The proposed legislation would add to the multifarious duties of the secretary of the Department of Agriculture those of a busybody, who is not performing his duties any too well at present, as witness the many complaints of errors in his latest list of adulterating seed dealers, one wrongful charge against a certain dealer having necessitated the expense of sending out the same circular anew retracting the charge. The real questions to be answered before seed trade regulation can be even thought of are,

"Are a considerable number of the seed dealers dishonest?"

"Are they on a par with the grog shops?"

"Do they conduct their business on a low moral plane?"

Considered in this light there is no ground for establishing regulations to harass the entire trade. Most of the leading seed dealers have been established in business for a generation or more and their well earned reputations for fair dealing could not be enhanced by an act of Congress.

CONTRACTS FOR FREIGHT RATES.

Years ago in the palmy days of the favored shipper, cut rates and rebates, it was very common for extensive dealers in grain to make a contract for certain rates of freight for a period of years before entering into new lines of trade or making any innovations necessitating a permanent investment. Gradually old time discriminations are disappearing and each new decision of the Supreme Court increases the fear of railroad men and shippers violating the laws, and multiplies the chances of their receiving punishment as merited.

The recent decision of the U. S. Supreme Court nullifying a contract made years ago by the C. B. & Q. R. R. with Kansas City packers for special rates virtually voids all contracts for freight rates which are or may become at variance with the schedule of rates filed with the Interstate Commerce Commission. The courts hold that there can be but one legal rate and that must be the one filed in the way provided by the Interstate Commerce law. Contracts to the contrary are not enforceable and shippers can not collect damages from carriers for violation of such contracts. It is more imperative than ever that grain shippers keep posted on rates and buy on the basis of the schedule rate. The quoted rate can not be depended upon, as it can not be accepted if below the schedule; and if accepted the difference can be collected at law any time error is discovered.

J. H. Snowden of Lerna, Ill., who is now seeking relief from his indebtedness in the bankruptcy courts suffered heavy losses as the result of the station agent at Ogden quoting too low a rate, yet he has no recourse against carrier. No shipper has yet attempted to collect the losses suffered from the agent making the blunder. The right of contract either verbal or written is denied whenever contractors prevent or attempt to prevent the enforcement of the law providing for one legal rate of freight.

The freight rate schedules are so involved and ambiguous even rate experts occasionally differ as to what is the legal rate, so shippers are sure to suffer by errors of the rate clerks until a simple, clearer and more definite form of publishing freight rates is devised.

BULKHEADS are prohibited by Northwestern roads hence grain shippers who wish to clean out elevator or keep different grades separate are handicapped without any advantage accruing to the carrier. Accordingly some shippers of Valley City, N. D., are protesting in hope of obtaining relief from this unjust regulation. The railroad regulation makers seem to be sorely lacking in practical business experience, else they would not make so many useless blunders.

REVIVAL OF INLAND WATER ROUTES.

A two-boat packet line is again attempting to find a channel among the snags and sandbars of the muddy Missouri between Kansas City and St. Louis. A line of steel barges between St. Louis and New Orleans is promised by the merchants of St. Louis, who are striving to finance a two million dollar scheme. Other enthusiasts are promising an early revival of navigation on the upper Mississippi while the politicians and their friends, the contractors, are persistently shouting for a 14-foot channel from the great lakes to the Gulf. The construction of other new canals and the development of old channels is persistently talked of, not because existing shipping facilities are inadequate to the needs of the country or because water transportation is quicker or safer than by rail, but because it is considered cheaper and the railroads are exacting more revenue than is deemed reasonable.

Time was when no large shipper could see anything attractive in water transportation, fearing that any participation in the development of the country's waterways might disturb his cut rate or necessitate his meeting competition on an equal footing. That is past and the railroads are so anxious to emphasize their resentment of rate regulation legislation they are compelling shippers, with but few exceptions, to assume an antagonistic attitude, with the natural result that all shippers are approving of every waterway scheme presented.

The railroads in anger, are advancing rates, thru the medium of switching and reconsignment charges, car rentals, reclassification and readjustment and no new concessions, rebates or cutrates are indulged, altho some old arrangements are continued in force as court fines occasionally disclose.

Traffic bureaus and shippers ass'ns are but the natural outcome of railroad greed and exaction and more will be organized or existing trade ass'ns will be required to give more active attention to the rules and regulations of the carriers. In the long run the rail carriers will lose by their campaign of resentment, and shippers will gain, because the impositions are sure to drive shippers into organizations of packet lines or traffic ass'ns for the promotion of common interests, but not half the proposed water routes can hope to be maintained permanently in competition with the railroads. While the haughty and independent manner of the railroads may hurt many shippers for a time, in the long run all will profit by fairer, uniform rates and some water routes will be developed and maintained to the great advantage of all.

THE all wise legislators of Manitoba have provided so much legislation for the grain business and the Grain Exchange of Winnipeg that that most useful organization has decided to go out of existence as a corporate body, and henceforth the dealers will conduct their business without an organization. This will result in greater injury to the grain growers than to any other class and no doubt they will soon be demanding the repeal of the rank and unjust legislation recently enacted, just as did the Agrarian agitators of Germany, who were misguided into demanding the suppression of trading in futures to their own great loss and detriment.

Letters

From Dealers

[Here is the grain dealers forum for the discussion of grain trade methods, practices and needed reforms. When you have anything to say of interest to members of the grain trade, send it to the Journal so your convictions will be given wide circulation and have great influence. Write it now.]

FARMERS WEIGH OWN GRAIN.

Grain Dealers Journal: Quite a number of my farmer patrons have scales; they weigh all their grain which is delivered to me and often there is quite a discrepancy between our weights. In a case of this kind is it better to "split the difference" with the farmer or insist upon settling upon the basis of my own weights? I have a good pair of scales, regularly test them and they are protected from the weather. The farmers scales are always out in the open and nothing more is ever done to them than balance them. Sometimes I have their grain weighed by a coal dealer here in the city, but this is unsatisfactory for his scales are not properly cared for. What is a business like way to treat this proposition—W. J. P. Olney, Ill.

PLACE BARRELS OF SALT WATER AT CUPOLA WINDOWS.

Grain Dealers Journal: Our large crib which is attached to the elevator was set on fire, in the shingles, by a passing train a few days ago. Prompt discovery and action put it out without any damage to speak of. It made us think of what would have been the results if the spark should have caught in one of the long side roof of the eltr.

We have placed a single sash window in each side of the cupola and put a ladder out on the roof from each new window, also a barrel of salt water up there, on the inside, near a window.

We have placed barrels of water in the top of the cribs also. We have no city water works here, and as our plant is quite large, a little fire makes us think of all ways possible to render fire fighting the most effectual.—James Pearson, agent H. O. Barber & Sons, Denton, Neb.

MANIPULATION IN CHICAGO.

Grain Dealers Journal: Is not the present manipulation of the prices of corn and oats for May delivery in Chicago a detriment to the trade? We are large buyers of grain and don't know what to expect until after the May deals are closed. It is rumored in this part of the country that Chicago manipulators are offering to sell corn for export at 5c under the May price so as to get the corn out of the way.

The deal is explained this way. Suppose there is 5,000,000 bus. of corn in Chicago that can be delivered on contract. If these manipulators can dispose of this at a loss to foreign buyers of 5c per bu. and buy 10,000,000 bus. which cannot be delivered, they can force the shorts to pay them a premium of 10c per bu. That is about the way things look now. It's alright for the farmer but it's hard on us consumers. Wouldn't a law to curtail the speculative sales of grain be a good thing?—A Southern Buyer.

FAVORS ORGANIZING AGENTS.

Grain Dealers Journal: I was very much pleased to read the letter from "Another Buyer" in the Grain Dealers Journal for Apr. 10, in which the organization of elevator agents is advocated.

Nearly every line of trade is organized in our country except ours. Great benefits, greater than we now can tell, may be derived thru organization.

Organization will not only be beneficial in itself, but the experiences of the older boys in the harness can be learned by the younger ones. Information obtained in this way will be valuable to the inexperienced.—S. A. Pritz, agent Great Western Elevator Co., Jessie, N. D.

Velvet Chaff Wheat in Disfavor.

Velvet Chaff Wheat is in great disfavor in the Northwest and daily meeting with new opposition. The Kensington (Minn.) Milling Co. will not buy velvet chaff wheat at any price and is inducing other millers to take a similar stand against the stuff.

The Pacific Elevator company, of Minneapolis, has written its agents as follows: "Millers will not use Velvet Chaff wheat for making flour and will not buy it under any circumstances. Naturally, this wheat must sell at a big discount, and if any is offered for sale, do not grade better than No. 2, and send us a sample for price. Discourage farmers from seeding this class of wheat. The value of this wheat will have to be based on the value of feed and the farmer who raises this will be the loser. If you hear of any farmers who wish to seed this class of wheat, have them investigate before seeding."

The South Dakota Farmers' Elevator Co. of Verndon, S. D., is publishing in its local paper a warning to farmers not to sow "velvet chaff" wheat. The announcement contains expressions of opinion in regard to this wheat from a number of prominent northwestern mills. The consensus of opinion is that its milling value is no better than durum, and that most mills will not take it, either separate or mixed, even in small proportion except at big discount under life or blue stem. This wheat is designated by a variety of names, principally "velvet chaff," "Dakota peerless," "S. D. bearded red life," "Johnson wheat," "winter wheat" and "Dakota Climax."

The trade seems suddenly to have arrived at the conclusion that the stuff is no good except for feed. The Illinois Railroad and Warehouse Commission has adopted special rules for velvet chaff, which will be put into force May 3 and be known as rule 5½. They follow:

RULE 5½.

No. 1—Velvet Chaff Wheat—Shall be bright, sound and well cleaned and be composed of Velvet Chaff Wheat.

No. 2—Velvet Chaff Wheat—Shall be sound, dry, reasonably clean; may be slightly bleached or shrunken, but not good enough for No. 1.

No. 3—Velvet Chaff Wheat—Shall include all wheat that is bleached, smutty or for any other cause unfit for No. 2.

No. 4—Velvet Chaff Wheat—Shall include all wheat that is very smutty, badly bleached and grown, or for any other cause unfit for No. 3.

Mixed Velvet Chaff Wheat—In case of admixture of Velvet Chaff Wheat with wheat of other varieties, it shall be graded according to the quality thereof and classed as Nos. 1, 2, 3 and 4 Mixed Velvet Chaff Wheat, with inspector's notation describing its character.

The Minnesota Agri. Experiment Station has issued a special Bulletin by E. C. Parker against Bearded Spring Wheats from which we take the following:

"Within the past five years a large

amount of bearded spring wheat seed has been distributed in Western and Southwestern Minnesota and in Central and Western South Dakota. Various names have been attached to this type of wheat such as Johnson wheat, Velvet Chaff, Bearded Red Fife, Climax, Winter Spring, Early Java, Russian Fife, etc., and in addition to this list is the Minnesota No. 188 wheat, a Bearded Fife distributed from the Minnesota Agricultural Experiment Station in 1905. These bearded wheats have become very popular in a majority of the regions tested, because of their early maturity, stiff straw, high weight per bushel and higher yield per acre as compared with Blue Stem and Fife.

In many of the older wheat regions Blue Stem grows a weak straw, is badly affected with rust, and the yields and quality are often below the profit line. Under such conditions the consensus of opinion among wheat growers is that the Bearded Spring wheats are more vigorous and productive than the Blue Stem varieties, and the acreage of bearded spring wheat in these regions in 1907 was of considerable importance to the grain interests of the state.

"Prior to the season of 1907-8 these wheats were received with favor by elevators and mills and often graded No. 1 Hard because of the heavy weight per bushel. Complaints have been widespread and persistent during the present winter that the milling value of these bearded spring varieties was so greatly inferior to blue stem as to cause serious damage to the business of the mill that used a high per cent of it. The South Dakota and Southwestern Minnesota Millers' Association in session at Sioux Falls, S. Dak., passed resolutions appealing to the Experiment Stations, the press, and the grain traders, to acquaint farmers with the facts concerning these varieties and if possible to check their propagation in these regions. Many of the county papers have published reports from the local mills reporting complaints on flour milled from "bearded spring" and competing with northern wheats in the eastern and export trade. The Minnesota State Grain Inspection Department also has been consulted concerning the advisability of putting these varieties in a class by themselves the same as Durum wheat and thus give more freedom to the buying and selling of these wheats at their true milling value."

"A conflict of interests has thus arisen over these varieties, the farmers favoring them because of vigor and productivity and the millers discriminating against them on the basis of inferior milling value which injures the reputation of patent flour from northern grown wheats."

"It is a recognized fact that soil and climatic conditions influence the composition of wheat more than variety characters and many soils in the spring wheat belt can undoubtedly produce bearded spring wheat of superior quality to blue stem wheat grown under less favorable soil and climatic conditions. Under similar soil and climatic conditions, however, the hard fife and blue stem wheats will always command a premium on our grain markets over the bearded spring wheat or winter wheat."

"The inspection and grading of the bearded spring wheats is a difficult problem because they do not naturally fall into a distinct and separate class as do fife, blue stem and winter. When mixed in proportion of 50% or less with blue stem or fife the mixture is not easily detected and an equitable grade cannot always be given to the farmer and miller."

A small mixture of "Velvet Chaff" with low grade blue stem will raise the weight per bushel and grade of the grain in the northern spring class and yet will not add to the milling value of the wheat.

"If all the bearded spring wheat arrived pure at the terminals it would be an easy matter to grade it equitably for miller and producer, in a class by itself; but this becomes well nigh impossible when the two types are skillfully mixed. Sharp dealing with these wheats would undoubtedly turn profits to the elevator interests and injure the farmer and miller, for country houses would buy at a discrimination price and by skillful mixing sell to the miller for ordinary No. 1 or 2 northern with small chance for detection until the quality of the flour milled out revealed the inferior qualities."

"Elevator interests are not likely to pursue such a policy, however, for any period of time with the possibility of not keeping in good repute with milling interests and the bearded spring wheats will eventually, in all probability, be handled separately and be priced at the milling value placed upon them in comparison with fife and blue stem."

A wireless telegraph station has been installed on top of the Chesapeake & Ohio Elevator A at Newport News, Va.

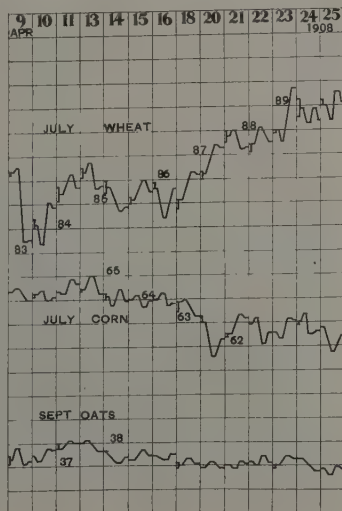
The Grain Dealers Journal is a boon to the trade. Any department is worth the price.—Five Point Grain Co., Petersburg, Ill.

The Grain Dealers Journal is a benefit to all that are engaged in the grain business, but more especially to the local buyer.—E. F. Hamilton, Cavalier, N. D.

The black-whiskered green bug is the harmless wheat louse, mistaken by many for the dreaded real thing, which has green tubes on its body. Crop experts should take warning. Avoid the tubes.

Chicago Prices

The opening, high, low and closing quotations on wheat and corn for July and on oats for the September delivery at Chicago for 2 weeks prior to Apr. 27 are given on the chart herewith.



Asked— Answered

"Readers who fail to find information desired on any grain trade subject of general interest should send us their query for free publication here. The experience of your brother dealers is worth consulting."

ADDRESS OF MANUFACTURER OF CAR LINING WANTED?

Grain Dealers Journal: We wish to learn the address of a manufacturer or dealer who can supply us with car liners or car lining.—Farmers Grain Co., C. W. Astle, mgr., Haven, Kan.

RECORD OF PRICES OF BRAN AND MIDDINGS.

Grain Dealers Journal: We are desirous of securing a record of the high and low prices with dates, on bran and middings, for the years from 1900 to 1908. Where can we obtain such a record?—M. O. Dewey Co., Jackson, Mich.

NOT NECESSARY TO BE BOTH- ERED WITH RATS.

Grain Dealers Journal: I notice in the Journal of Feb. 25 in one of the editorial paragraphs a statement that it is not necessary for elevator men to be bothered with rats.

I would like to have the name and address of the person or firm that has a sure poison as stated.—W. H. Beatty, Wakefield, Kan.

Ans.: The names of two firms supplying a rat exterminator are given in the advertising columns of the Journal, this number.

ASSESSING GRAIN DEALERS AV- ERAGE CAPITAL.

Grain Dealers Journal: In reply to query of A. Houston, will say that the laws provide that the assessment of the capital used by grain brokers is an assessment separate and apart and in addition to the assessment of tangible property such as buildings, grain and machinery. Section 66 of the law bearing upon the assessment of brokers is as follows:

"Every person, company or corporation engaged in the business of buying or selling grain for profit, shall be held to be a grain broker, and shall at the time required by this act, determine under oath the average amount of capital invested in such business, exclusive of real estate, or other tangible property, assessed separately, for the preceding year, and taxes shall be charged upon such average capital the same as on other property. For the purpose of determining the average capital of such grain broker, the county assessor or deputy assessor, shall have the right to inspect all books of account and the check books of such grain broker and shall determine and fix the amount of such capital by such inspection."

Trusting this will make the matter clear, I am.—Geo. D. Bennett, Sec'y., State Board of Equalization, Lincoln, Neb.

The manufacture of paper pulp from rice straw at mills to be erected in Texas is contemplated by W. D. Wing, of Bangor, Me., who is interested in a Maine pulp mill.

Crop Reports

Illinois.

Scioto Mills, Ill.—Not enough corn for feed, oats 10 per cent, rye 5, barley 5, and no wheat on hand.—Meyers Bros.

Pana, Ill.—Grain in farmers hands for sale; corn 5 per cent, wheat 10 and oats 5 per cent. Wheat doing well, oats poorly, few sowed, some will need reseeded.—M. R. Corbett.

Greenfield, Ill.—I am shipping more corn from here than any year in the last ten, and the quality is the best that I ever saw. All the old wheat is gone and our new wheat never looked better than now. Growing oats doing nicely.—E. D. Woolley.

Illipolis, Ill.—Grain in farmers hands; corn, 35 per cent, no wheat, and oats 5 per cent. Wheat looking extra well for this time of year; oats seeding done and doing nicely considering the kind of weather we have been having.—Mansfield-Ford Grain Co.

Van Petten, Ill.—Winter wheat in Lee Co. is looking the best I have ever seen this time of the year since 1895. Oats seeding about finished, grass standing fine and land in fine shape to plow for corn; seed corn is scarce and nearly all the corn has been marketed; the quality was so poor that farmers could not hold with safety.—A. G. Van Petten, general mgr. Van Petten Eltr. & Grain Co.

Indiana.

Raub, Ind.—Old crop about all marketed. New oats crop coming up fine.—Cleveland Grain Co.

Burnetts Creek, Ind.—The wheat crop looks O. K. Oats crop just coming up, on account of late planting; the ground has been too wet to seed.—Floyd Million.

Iowa.

Williamsburg, Ia.—Fine rain here Apr. 22, and crop prospects good.—W. F. Harris.

Raymond, Ia.—Farmers all busy plowing for corn. Oats nearly all up and looking fine. Fine rain here yesterday. Corn and oats nearly all shipped out.—O'Connor Bros.

Winfield, Ia.—The oat crop is all in with us and the prospects for the early seeding of corn is very good in our locality. At the present time we are needing rain (Apr. 16) to some extent but nothing is hurt as yet.—H. W. Van Dyke & Son.

Des Moines, Ia.—The records of the Iowa State Weather Bureau show that there has been a slight average deficiency of normal precipitation since Jan. 1, 1908. Grain dealers reports show that the soil condition is favorable with the exception of slightly dry in southern and western portions and slightly wet on low lands in northern portion of the state. The soil condition therefore is most encouraging. Warm weather and frequent showers would be ideal condition for April to obtain the best growth of small grain crops. Seeding in southern section of state finished about 8th; central section finished about April 15, northern section about Apr. 20. The percentage of marketable portion of grain marketed, April 1, 1908, and comparison with last year is, oats, Apr. 1, 1907, 83%; 1908, 90%; corn, 78%; against 63% a year ago.—Geo. A. Wells, sec'y Iowa Grain Dealers Ass'n.

Kansas.

Wakefield, Kan.—Wheat prospects here could not be better.—W. H. Beatty.

Great Bend, Kan.—We estimate 5 per cent of last year's crop in farmers hands.—Moses Bros. Mill & Eltr. Co.

Ellsworth, Kan.—Stock of wheat in farmers hands 5 to 7 per cent. Wheat doing well, but needs rain; no oats raised here.—Ellsworth Mill & Eltr. Co.

Alton, Kan.—The amount of wheat in farmers hands not over 5 per cent and no corn. Condition of wheat 55 to 60 per cent of full crop with plenty of rain; if dry 10 days longer we will have none (Apr. 17).—Gaunt Grain Co.

Protection, Kan.—The old wheat in farmers hands 5 per cent. Growing crops needing moisture bad, heavy wind has done some damage, but rain will make good prospects for an 80 per cent crop.—E. M. Blue, Alva Mill & Eltr. Co.

Coffeyville, Kan.—Grain in farmers hands in this section is very scarce, farmers are shipping in grain to feed their stock and have a little if any wheat on hand. The growing wheat and oats are looking fine and if nothing develops later to injure the crop it will be good, tho the acreage is small.—The Walton Grain Co.

Greensburg, Kan.—Very little wheat in farmers hands, some corn still being held back for harvest price for hogs on feed. Growing wheat looking fine, but beginning to need rain (Apr. 14); no bugs or flies; about the usual acreage sown last fall and in far better manner than ever before. New farms being improved this spring.—Joe Clark, mgr. The Pratt Mill & Eltr. Co.

Topeka, Kan.—Only 8 per cent of the wheat raised last year is in the hands of farmers and country elevators, and 12 per cent of last year's corn crop is in hands of farmers and mill men. In eighteen counties the estimated condition of the wheat crop is perfect and in the few counties that does the estimate dropped below 90. The big wheat growing counties of the state in the south and central portion indicates heavy crops this year, as the conditions are most favorable at this time.—E. J. Smiley, sec'y Kansas Grain Dealers Ass'n.

Topeka, Kan.—Of the 6,978,328 acres sown last fall for the winter wheat crop it was reported on Apr. 11 that 2.4 per cent would be plowed up, and that its condition was 91.4. All the counties credited with conditions of 100 or above are in the eastern three tiers, except Harper, which has an average of 105, the highest. Considerable damage in a few counties in western and northwestern counties; from these are returned the largest areas likely to be plowed up, and there, too, the outlook is the least promising. Where damage is reported it is ascribed chiefly to dry weather and the winds blowing out the wheat, although in 61 of the State's 105 counties none is reported abandoned. Correspondents here and there, in possibly a dozen counties, make mild mention of the Hessian fly, while reference to the so-called "green bug" is even less frequent, and the presence of the chinch bug is suspected by but one reporter.—F. D. Coburn, sec'y Kansas Dept. of Agri.

Kentucky.

Frankfort, Ky.—Wheat looks very promising. A much larger acreage of corn will be planted, taking the place of tobacco, the prospective acreage being 169 compared with last year. The acreage sown to wheat last fall was 85 per cent of the 1906 area, and its condition Apr. 1 was 93 per cent of the condition a year ago. The condition of winter oats is reported as 65, of rye 72, and barley 70.—M. C. Rankin, Commissioner of Agri.

Michigan.

Lansing, Mich.—The condition of wheat on Apr. 1 was 86 and of rye 88 per cent.—Geo. A. Prescott, sec'y of state.

Minnesota.

Minneapolis, Minn.—We have had excellent weather conditions over all of Minnesota and the Dakotas. There have been local rains, but they have not interfered materially with the progress of seeding. Wheat seeding is about completed to the line between North and South Dakota and will be practically completed to the international line by the end of this week. Thru Central and Southern Minnesota and South Dakota farmers are now busy with oats and barley.

The prospects are that thru Minnesota and South Dakota the acreage seeded to the three crops mentioned will not vary materially from 1907, tho it is probable that there will be some increase in barley and oats acreage. There will be a considerable decrease in the flax acreage. Seeding is in full swing all thru Manitoba, Saskatchewan and Alberta. There is more or less talk about the ground being too dry in some districts of South Dakota and the Minot county in North Dakota, but our best observers report that there is sufficient moisture in the ground to germinate the seed. There can be no question but that our crops will start out at least two weeks earlier than they did in 1907, which of itself is a very great advantage.—The Van Dusen-Harrington Co.

Missouri.

Springfield, Mo.—Present outlook for crop fine. Corn planting will be late, however.—T. E. Newton, Newton Grain Co.

Nebraska.

Cortland, Neb.—Wheat is looking fine and prospect for a crop this season is good.—J. L. Wait, agt. Nebraska Eltr. Co.

Holstein, Neb.—Never saw wheat looking better than at present. Looks like June harvest and bumper crop.—C. L. Fisher.

Richland, Neb.—Wheat looking fine, plenty of moisture. Excellent prospects for all kinds of crops.—C. B. Nance, agt. T. B. Hord Grain Co.

David City, Neb.—Corn in farmers hands 50 per cent, wheat 10 and oats 5. Ground very dry and winter wheat damaged some; oats seeded.—J. Beel & Son.

St. Paul, Neb.—The spell of dry weather was broken here Apr. 16 by a very heavy rainfall, which was needed very much. Crops look fine.—W. H. Cramer.

Humboldt, Neb.—Farmers have about 10 per cent of wheat and 25 per cent of corn on hand from last year. Wheat is growing fine, as well as all tame grass.—G. W. Butterfield & Co.

Pallsade, Neb.—We are needing rain here now (Apr. 14). Winter wheat is not looking good on account of needing rain and some wheat is being sown.—E. N. Felzien, agt. Shannon Grain Co.

Hooper, Neb.—Fall wheat is doing fine, but badly in need of rain (Apr. 14). Unless we get rain in the next 10 days the wheat and oats will suffer considerable damage.—Agt. Henry Roberts.

Culbertson, Neb.—Prospect for wheat crop is very bad; too dry. Winter wheat mostly gone, dried out; large crop of spring grain is being sown. Drouth and winds are very discouraging for the wheat crop.—J. S. McKown.

Fairbury, Neb.—Wheat in farmers hands 20 per cent, oats 8 and corn 30. The condition of wheat and oats about perfect. Seeding of small grain completed, with slightly larger acreage than last year.—W. M. Van Buren & Son.

Holdrege, Neb.—We have had no rain of consequence since last fall, and we have no reserve moisture to depend upon this year as we had last. Farmers are holding what they have now until we get some good rains.—McConaughy Grain Co.

Denton, Neb.—We have been having rains recently (Apr. 25). Wheat is doing fine. Oats are coming out good. Corn planting will commence in a week or 10 days. Ground is in best of condition and farmers are well up with their work. Nearly all the wheat has left farmers hands.—Jas. Pearson, agt. H. O. Barber & Sons.

Loup City, Neb.—About 15 per cent of wheat left in farmers hands at my four stations; no corn or oats for sale as local demand will use it all. The usual acreage of wheat sown last fall, but a very small acreage of oats sown this spring, owing to dry weather and high price of seed oats, this land will be put into corn.—E. G. Taylor.

Plattsmouth, Neb.—The wheat crop in Missouri and Nebraska is looking extremely well at present (Apr. 13), however, it is needing rain, but don't think that any damage has been done by dry weather or bugs. The corn crop is pretty well cleaned up, not being more than 15 to 20 per cent left in farmers hands at the present time in Nebraska.—F. L. Candel, representing Daniel P. Byrne & Co., of St. Louis, Mo.

Lexington, Neb.—Number of rains have been reported, but none have materialized. Very little moisture passed winter. Last heavy fall of snow Dec. 21. Winter wheat looks green but is making little headway. Has all appearance of being a dry spring with us. These conditions at this time of year have in the past produced hot winds in the summer. The western part of Neb. where most of the wheat is raised is dry.—Lexington Mill & Eltr. Co.

North Dakota.

Kloten, N. D.—Seeding just nicely started, ground in good condition.—G. D. Carls.

Pickert Sta., Blabon P. O., N. D.—Seeding is at full blast now and the land is in good condition for a bumper crop. About 10 per cent of grain in farmers hands, which will be delivered after seeding.—J. C. Walters, agt. Amenia Eltr. Co.

Carrington, N. D.—This spring does not look as favorable in the northwest as the reports are. We have those high winds for the last 6 days (Apr. 16) and they still continue to blow, which is drying out the land and lays the seed bare.—Fred Beler, mgr. and sec'y, Hammer-Halvorson-Beler Eltr. Co.

Ohio.

Woodstock, O.—No corn of any account in our territory. There seems to be plenty of seed oats. Wheat looks well.—W. Hardman.

Nogge, O.—Wheat never looked more promising; everything equal we will have a bumper crop.—J. M. McFarland.

Grover Hill, O.—Do not think that there is 10 per cent of corn and oats and scarcely any wheat in farmers hands in this section. About 75 per cent of oats crop, which is very large in acreage this season, has been seeded. Wheat looking good; small acreage.—Davidson & Owens.

Pataskala, O.—Farmers in this territory will buy at least 1/4 of their requirements of corn. Ordinarily enough is raised to supply them and sometimes some to ship. Perhaps 15 to 20 per cent of wheat is in farmers hands, not enough oats raised to supply need and seed. Growing wheat looks favorable for average crop; oats are not being sowed as early as expected on account of too much rain; at present all crop conditions are more favorable.—H. D. Ashburn.

Selma, O.—Wheat is looking fine and while until March, many of the farmers were counting on plowing wheat, claiming it would not make wheat, etc. I do not know of an acre that was turned under. Too much rain for seeding oats and looks as tho the acreage would be small. Not over 1,000 bus. of wheat held by farmers here. While we have some good corn, our farmers do not have to sell, and they claim that they will get 75c for this corn before the new crop comes in. About 15 per cent on hand.—R. G. Calvert.

Oklahoma.

El Reno, Okla.—About 10 per cent of corn in farmers hands.—Canadian Mill & Eltr. Co.

Thomas, Okla.—Stock in farmers hands wheat 3 per cent and corn 6. Condition of wheat and oats is good; spring seeding advanced.—Thomas Milling Co.

Tonkawa, Okla.—Our prospects were never better for a crop than at present, but there may be too much rain if it continues the way it has for the past two weeks (Apr. 21), but there are now indications for clear weather.—G. M. Cassidy.

Oklahoma City, Okla.—The stock of last year's crop in farmers hands 10 per cent of wheat and 15 per cent of corn. Growing wheat never in better condition; the crop this year will only be about 80% of former years, on account of failures we have had the past two years and decreased acreage. Acreage of corn will be increased.—Oklahoma City Mill & Eltr. Co.

Amorita, Okla.—The growing wheat is looking fine, was never better for this time of the year; do not think that there has been any damage done by the green bug, as the wheat is too far advanced. Oats are looking fine. Very little wheat in farmers hands and only about 10 or 15 per cent of corn. Farmers are all planting corn.—G. W. Hoover, agt. Wirt & Lyons Grain Co.

Buffalo, Okla.—The wheat prospect here is certainly great and old settlers claim it excels anything in the past. In this county (Harper County) there will be about 1,000,000 bus. and I would estimate a crop of 50,000,000 bus. for the state of Oklahoma. The conditions for a good corn crop are very favorable and even better than last year. A great deal of cotton is being planted in the new counties and in a couple of years it will be a big factor with even the small farmer.—Gordon S. Bowdish.

Mountain View, Okla.—The wheat crop is in excellent shape; corn is coming up and a good stand; alfalfa is about ready for mowing machine. Oats are doing well.—D. H. Vankirk.

Greenfield, Okla.—Never had better prospects for a wheat crop. No green bugs bothering. Plenty of grain and good growing weather for vegetation.—F. E. Greenfield, Agt. Home Grain Co.

South Dakota.

Alexandria, S. D.—Crops of small grain looking fine.—J. E. Peckham, Agt. Shanard Elevator Co.

Clear Lake, S. D.—Seeding commenced in good shape, ground in fine condition. A good lot of grain in farmers hands yet.—H. R. Morgan, agt. E. A. Brown.

Texas.

McKinney, Tex.—Crop conditions in this section are very favorable, although we have had too much rain during the last two weeks (Apr. 14) for wheat. Prospects are good for oats and corn crops, some increased acreage in both.—Doggett Grain Co.

McKinney, Tex.—About 75,000 to 100,000 bus. of ear corn in farmers hands in this county, think no wheat or oats. Not much wheat and oats sowed here, what there is looks fine; some complaint about rust on wheat; no green bugs.—American Grain Co.

College Station, Tex.—On his return recently from a 3-weeks' trip thru the wheat sections of North Texas, Oklahoma and Kansas to study the green bug conditions Professor C. E. Sanborn, acting state entomologist, says in localities where the greatest loss occurred last year a very small acreage of wheat and oats is found this year. This shortage is due largely to the fact that farmers desire to plant a crop on which they can place more assurance than wheat or oats while the green bug is supposed to be prevalent. The presence of the green bug, however, since a year ago, is rather farcical in Texas. Some insects which have similar habits and which have a similar form are present in the wheat and oat fields as far north as Central Kansas. The green bug, however, is scarce. Only one or two were found in a half day's drive at stops made from Fort Worth to Quanah, Tex. The same was true in Oklahoma and Kansas, except at Enid, where a small percentage of damage is likely to occur later on in the season. Damage by the closely allied insects, such as other species of aphids than the green bug, has never been especially reported in this state. Such insects are present in the wheat and oat fields, not only in Texas, but in Oklahoma and Kansas. Since people of Oklahoma and Kansas received a great surprise with the green bug last year, many of them with large fields growing can at times see the green bug's ghost. Others in looking for the genuine insect find the closely allied species—one, for instance, with black knee joints and antennae or feelers, also black tubes. These, when full grown, are about one-fourth larger than the green bug, and are often reported as "green bugs, and good big fat ones, too." This "big fat green bug" closely resembles the green bug in form, but does not seem to have the abnormal appetite that is always present in the latter.

Mesquite, Tex.—No grain on hand. No wheat sown here and very little oats.—L. C. Ebrite, of Ebrite & Walker.

Wisconsin.

Madison, Wis.—Professor R. A. Moore states that more barley will be sown this year than in any year previous. Last year there were about 1,500,000 bus. of "Wisconsin 55" barley grown in the state. This has been largely saved for seed and half of the crop this year will be the standard barley as recommended by the university. The yield is heavy and there may be more of it sown in southern Wisconsin than before. More oats may be grown on the new lands in northern Wisconsin, but less in southern Wisconsin.

River Corn in the South.

A large number of dealers in Louisville, Chattanooga, Knoxville and Nashville depend upon the country farmers along the Ohio, Cumberland and Tennessee rivers for corn. There are no country elevators in the South so this corn is bot by dealers at these markets direct from the farmer. Corn is shelled and sacked in 2 1/2 bu. sacks and transported to boats where it is stacked in huge piles by negroes. Many boats carry from 5,000 to 7,000 sacks of corn.

The two illustrations shown herewith were taken at Chattanooga on the Tennessee river. The first shows the boat loaded with grain and the negroes carrying the bags to the endless conveyor or moving platform where the corn is dumped, and transported into a warehouse.

This is a picturesque scene for the territory tributary to Chattanooga is by nature most beautiful, and the way Capt J. W. Wilson made those "niggers" move with 2 1/2 bushels of corn on their backs was charmingly realistic. "Get along there, you blankety blank nigger," "Move on there, you ——" The many unprintable epithets hurled at the negroes made the scene a reminder of forty-five years ago. However, there is no lash except the tongue of a verbose river captain; and the colored men soon unload a boat.

June, July, and August are the busiest months of the season for river corn and until it begins again next season, many dealers will drop temporarily out of business for they make all the way from 3 to 7 cts. per bushel on this corn. Steamer rates are high.



Unloading Grain from Cumberland River Steamboats at Chattanooga, Tenn.



Grain Conveyors from Steamboat Landing to Warehouse at Chattanooga.

New Concrete Elevator at Buffalo.

No firm which expects to continue in the grain business for ten years can afford to build any but a fire proof grain storage plant. The cost of insurance alone makes it cheaper to operate a non-combustible house, and the cost of frequent painting effects a farther increase in the operating expense of the wood elevator. Hence it is but natural that the Perot Malting Co. should have insisted upon a fire proof elevator at Buffalo. Its new grain store-house illustrated herewith is of concrete construction, having a total capacity of 500,000 bus. It is comprised of two parts, the working house which consists of twelve rectangular concrete bins surmounted by a cupola containing cleaning, elevating, weighing and transferring machinery, and the storage tanks consisting of nine concrete tanks 25' in diameter and 90' high arranged in three rows of three each, the interspaces also being used for storage.

The walls of the storage tanks are 8" thick reinforced both horizontally and

vertically with steel to prevent bursting or bulging. A concrete floor over the tops of the bins has proper manholes and spout holes for access. On top of the tanks is a steel frame building 60' wide, 90' long and about 12' high, having a tile roof covered with four ply felt, composition and gravel. The cupola of the working house is a steel frame structure having tile roof and floors and enclosing walls.

The equipment consists of three conveyor belts under the tanks for carrying grain from the storage tanks to the legs; the two outside ones discharging into the cars below.

On top of the tanks are two conveyors for carrying grain from the scales and discharging into the bins. One car receiving pit in conjunction with the power shovels, unloads the cars into the hoppers, thence, onto the belt transferring to receiving leg. One belt conveyor under the sacking floor is provided for carrying sacked grain to the cars. A 16" screw conveyor carries the cleaned barley from the three rectangular bins in the working

house over the tracks to the steep tanks of the malt house and the return screw conveyor brings back malt to the elevator and discharges it into the malt leg.

The elevator legs are four in number one of which is made large, to use in conjunction with a proposed marine tower. The other legs are smaller and are for elevating and transferring barley for cleaning. Two of them are for elevating and transferring malt.

In the cupola is a short malt cleaner leg for re-elevating the malt from the bin floor to the top of the cupola.

Two steel cleaning machines, having a capacity of 1,000 bushels each, are provided. One for malt and one for barley.

In the cupola are two hopper scales of 600 bus. each having a garner overhead of 2,700 bus. each.

Several garners are provided in the cupola for the storing of uncleaned barley and malt. In the second story of the working house is an automatic bagging scale which runs on a steel track for the purpose of accomodating all the shipping malt bins.

The elevator is equipped with one set



The Francis Perot's Sons Concrete Elevator and Malt House at Buffalo.

of automatic power shovels, car-pit and gratings, car shipping spout, car puller, electric induction motors complete with wiring and switchboard. There is also an electric lighting system, complete telephone system, fans, passenger elevator and stairs.

The windows of the elevator are metal frame with wire glass.

The foundation has a system of inde-

pendent concrete piers extending about 22' from the ground surface to rock ledge below and, owing to the proximity of the Buffalo River and frequent overflowage, it made the work difficult and expensive. The contractors, Jas. Stewart & Co., resorted to a system of cofferdams and by the use of pumps, working continuously, were able to sink successfully the piers to rock. Work was commenced in April,

1907, and the elevator was taking in grain in January, 1908.

The complete dust collector and sweeper system in the elevator was installed by the Cyclone Blow Pipe Co. This system consists of fans and piping for the collecting of dust from the various cleaning machines and sweepers on the different floors and discharging it into dust bins from which the dust is sacked for shipment.



Exchange Hall of Merchants' Exchange, St. Louis, which will celebrate clearing of building from debt with smoker May 7th. Grain Dealers National Ass'n will assemble here Oct. 15, 16 and 17.

Seeds

Clover looks well and promises a large crop.—Floyd Million, Burnetts Creek, Ind.

The Albert Dickinson Co., of Chicago, Ill., has registered its Bison Brand as a trademark, No. 17,712, for timothy seed.

We had a car of fine seed oats shipped in from South Dakota and could have sold more.—Van Petten Elevator & Grain Co., Van Petten, Ill.

McCall & Sons have succeeded Rosenberger & McCall in the seed and feed business at Estherville, Ia. O. A. McCall has bot the interest of Chris Rosenberger and has taken his sons George and Grover into partnership.

M. C. Rankin, Kentucky Commissioner of Agriculture, reports the condition of clover on Apr. 1 to have been 94 per cent of its condition a year earlier. The acreage of alfalfa sown Apr. 1 is 84 per cent of that sown by the corresponding date of 1907.

Imports of clover seed during February amounted to 2,506,900 lbs., against 5,007,300 lbs. during February, 1907. For the 8 months prior to Mar. 1 the imports of clover seed have been 15,390,100 lbs., against 14,469,800 lbs. during the corresponding period of 1906-7.

As to the seedsman's responsibility for inferior seeds of low vitality under crop, soil and weather conditions over which he had no control, J. C. Vaughan, chairman of the National Council of Horticulture, said at the hearing in Washington, April 21, "God made little apples."

Of course we have the dishonorable and unscrupulous always with us, but so far as my experience goes, the percentage of such men in the seed business is very small and dishonesty in that line automatically brings its own punishment, perhaps to a greater degree than in any other line of business.—W. N. Rudd, sec'y of the Society of American Florists in American Florist.

Our exports of seeds during the 8 months prior to Mar. 1 included 2,875,000 lbs. clover seed, 19,785,300 lbs. timothy seed, other grass seeds valued at \$435,300, and 4,224,200 bus. of flaxseed; compared with 3,303,000 lbs. clover seed, 13,362,200 lbs. timothy seed, other grass seeds valued at \$327,200 and 5,324,000 bus. of flaxseed, during the corresponding period of 1906-7, as reported by O. P. Austin, chief of the Bureau of Statistics.

Seattle, Wash.—The government agents did local seed dealers a gross injustice in reporting purchases as misbranded. They only called for bluegrass seed, not pure Kentucky, and got just what they ordered. Canadian bluegrass is said to be better for lawns in this state than the Kentucky variety. The government needs first to stop its congressional seed scandal, which covers this country with trash.—The Trade Register.

Toledo received during the week ending Apr. 25, 160 bags of clover seed and shipped 430; against 400 bags received and 928 bags shipped for the corresponding week a year ago. Receipts so far this season have been 28,864 bags and shipments 31,766 bags; against 47,484 bags received and 55,215 bags shipped during the corresponding period a year ago. Receipts of alsike for the season have been 4,210 bags, against 13,234 a year ago.

C. E. Cole, sec'y of the American Seed Co., of Detroit, Mich., states that the government report that the Kentucky bluegrass seed put up by his company was adulterated, does a great injustice. Mr. Cole alleges that the government made a mistake in figuring its percentages, in own figures failing to account for 27 per cent. Of course the employees of the Agri. Dept. are very sorry to make mistakes, but that does not recompense the injured party for damage done its business.

London, Eng.—The demand for most kinds of seeds has been somewhat better, and, with favorable weather conditions, orders are expected to flow still more quickly. It is still difficult to move badly weather-damaged and low class lots, but as regards fine there is a distinct improvement. What has helped considerably during the last few days is America coming in a purchaser to a considerable extent. Should a large enquiry spring up from that quarter, stocks of best goods would quickly vanish, leaving the rubbish on our hands.—Corn Circular.

Chicago received during the week ending Apr. 25 202,000 lbs. of timothy seed, 260 lbs. clover seed, 40,000 lbs. other grass seeds, and 47,000 bus. flaxseed; against 557,500 lbs. timothy seed, 33,800 lbs. clover seed 55,300 lbs. other grass seeds and 14,500 bus. flaxseed, for the corresponding week of 1907. Shipments for the week have been 38,600 lbs. timothy seed, 6,300 lbs. clover seed, 784,300 lbs. other grass seeds and 4,800 bus. flaxseed; compared with 213,900 lbs. timothy seed, 93,500 lbs. clover seed, 473,000 lbs. other grass seeds and no flaxseed during the corresponding period of last year.

The Saginaw Milling Co., Saginaw, Mich., is sending out the following rules for grading peas: Choice peas shall contain not to exceed 1/2 of 1% of colored peas commonly called "sports," shall be free from weevily or "buggy" peas and shall be bright, clean and dry. No. 1 peas may contain not to exceed three per cent of colored peas, and shall otherwise be the same as choice peas. No. 2 peas may contain not to exceed seven per cent of colored peas, commonly called "sports"; may contain not to exceed two per cent of weevily peas and shall be bright, clean and dry. Mixed peas shall contain more than seven per cent of colored peas (sports) but shall be clean and dry and shall not contain to exceed two per cent of weevily peas. French peas shall contain no peas that will not readily pass through a No. 18 Clipper Screen.

Consul Robert P. Skinner of Marseilles writes "Alfalfa, commonly called luzerne in France, is grown very generally in this country. Seed for sowing is commonly obtained in the south of France. The type known commercially as luzerne of Provence is obtained in the Departments of the Bouches du Rhone, Gard, Vaucluse, Drome, and Ardeche; the luzernes of Poitou are obtained in the Departments of Gers, Aude, Tarn, Sarthe, Vienne, Deux Sevres, and more or less throughout the old province of Anjou; also in a few departments in the north of France. It is unquestionably true, however, that the seed from Provence is superior to all other, yielding more generously and manifesting more resistance to all unfavorable conditions. The same fields are utilized for growing the hay and the seed itself. In general, three crops of hay are cut from the same field, and sometimes in Provence a fourth crop, called the 'regain,' is gathered."

Experiments have been started with shaftal (*Trifolium suaveolens* Willd.), a very promising annual clover which has long been cultivated in northwestern India, Afghanistan, and Persia, but had never been introduced into the United States until seed was recently obtained through the courtesy of Philip Parker, of the Indian irrigation service. Small experiments have been started in sixteen states, and observations already recorded show that this clover is doing well in localities as widely separated as Carlton, Ore., and Danville, Va.; Yuma, Ariz.; Stockton, Kan., and St. Anthony Park, Minn. In the Asiatic regions, where shaftal is grown almost exclusively under irrigation, three, or even more, cuttings of hay are obtained each year, which is a remarkable showing for an annual hay crop. The plant is a rapid grower, cures readily, makes fine hay, and is greedily eaten by horses and cattle. In the Himalayas shaftal grows in valleys having an altitude up to 8,000 feet; hence it is believed that it will have considerable frost resistance, which may greatly increase its usefulness in this country.—E. T. Galloway, chief of the Bureau of Plant Industry, U. S. Dept. of Agri.

The Pure Seed Bill of 1908.

We print below an amended copy of the Mann pure seed bill embodying most of the suggestions and changes urged by the representatives of the seed trade at the recent hearing in Washington. Some of the changes have been received favorably by Mr. Mann, and it is hoped that any legislation introduced at the next session of Congress may be somewhat along these lines.

A BILL

To regulate commerce in adulterated and misbranded seed and to prevent the sale or transportation thereof, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the introduction into any State or Territory or the District of Columbia from any other State or Territory or the District of Columbia or from any foreign country of any seed adulterated or misbranded, within the meaning of this Act, is hereby prohibited; and any person who shall knowingly and willfully ship or deliver for shipment from any State or Territory or the District of Columbia to any other State or Territory or the District of Columbia, or who shall knowingly and willfully receive in any State or Territory or the District of Columbia from any other State or Territory or the District of Columbia or from any foreign country, and having so received shall knowingly and willfully deliver or offer to deliver, in original unbroken packages, for pay or otherwise, to any other person any seed adulterated or misbranded within the meaning of this Act, or any person who shall knowingly and willfully sell or offer for sale in the District of Columbia or any Territory of the United States any such adulterated or misbranded seed, shall be guilty of a misdemeanor, and for such offense be fined not exceeding one hundred dollars for the first offense, and after conviction for said first offense for each subsequent offense not exceeding three hundred dollars. The Secretary of Agriculture shall make uniform rules and regulations for carrying out the provisions of this Act, which shall be effective only after six months' publication.

Sec. 2. That the term "seed" as used in this Act shall include all cereal, grass, clover and forage plant seeds intended for seeding purposes, but the provisions of this Act, excepting as to the importation of seed prohibited entry under this Act, shall not apply to seed in transit or held in storage for the purpose of being cleaned, or graded, or to seed in process of cleaning or grading, or to seed stored after cleaning or grading, or to seed being offered for sale for seedling purposes.

Sec. 3. That for the purposes of this Act seeds shall be deemed to be adulterated—

First. If seed purporting to be orchard grass seed contain more than five per

centum of seed of rye grass or meadow fescue; if seed purporting to be Kentucky blue grass seed contain more than five per centum of seed of Canada blue grass; if seed purporting to be red clover seed contain more than two per centum of seed of yellow trefoil; if seed purporting to be alfalfa seed contain more than five per centum of seed of yellow trefoil, burr clover, and sweet clover, singly or combined; or if any seed purporting to be of one kind or variety contain more than five per centum of another kind or variety, such other seed being similar in appearance and of lower market value and which is used as an adulterant: Provided, That no seed shall be deemed adulterated within the meaning of this paragraph when it is accompanied by a statement or label in the form and manner prescribed by the rules and regulations in this Act provided for, giving the total percentage of purity and a list of the principal distinguishable kinds or varieties of seeds contained therein: And provided further, That no seeds or bulbs shall be deemed adulterated within the meaning of this Act, in the case of mixtures or blends, when accompanied by a statement or label in the form and manner prescribed by the rules and regulations in this Act provided for, stating plainly that they are mixtures or blends of two or more varieties of seeds, and in such cases it shall not be necessary to disclose the names and amounts and proportions of the kinds or varieties of seeds contained therein: And provided further, That nothing in this Act shall apply to seeds sold by sample, where no misrepresentations are made; and this last clause shall only apply to imports of seeds and not to seeds prohibited of entry from foreign countries.

Second. If seed of red clover, alsike clover, alfalfa, or Egyptian clover contain more than a trace of seed of dodder; or if any seed contain weed seed, rendering it unfit for seedling purposes: Provided, That the provisions of this paragraph shall extend only to seed imported from a foreign country.

Third. If any seed or bulbs contain, respectively, an unusual or exceptional percentage of dead seeds or bulbs or other matter, reducing its quality below a normal average for the current season in the country where grown for the variety in question: Provided, That this paragraph shall extend only to seed and bulbs imported from a foreign country.

Fourth. If there shall be knowingly added to seed any weed seed or dead seed, or any other matter materially reducing its value for seedling purposes: Provided, That this paragraph shall not apply to the mixing or blending of seed not otherwise adulterated within the meaning of this Act.

Sec. 4. That for the purposes of this Act seed shall be deemed to be misbranded—

First. When seeds of one definitely distinguishable kind or named variety shall be substituted for or offered for sale under the name of another definitely distinguishable kind or named variety.

Second. If in package form, and the contents are stated in terms of weight or measure, they are not plainly and correctly stated.

Third. If the article be falsely labeled or branded as to the State, Territory, locality, or country in which it is raised or produced.

Fourth. If any branded box, bag, or other container is used for any other seed of the same kind which is sold in or from said container for the purpose of deceiving the purchaser.

Sec. 5. That no dealer shall be prosecuted under the provisions of this Act when he can establish a guaranty signed by the wholesaler, jobber or other party residing in the United States from whom he purchases such seed, and to the effect that the same is not adulterated or misbranded within the meaning of this Act, designating it. Said guaranty to afford protection shall contain the name and address of the party or parties making the sale of such articles to such dealer, and in such case said party or parties shall be amenable to the prosecutions, fines, and other penalties which would otherwise attach in due course to the dealer under the provisions of this Act.

Sec. 6. That the Secretary of the Treasury shall deliver to the Secretary of Agriculture, upon his request, from time to time samples of seed being imported into the United States or offered for import, giving notice thereof to the consignee, within two days after the receipt of the seed by the custom officials at the port of entry, who may appear before the Secretary of Agriculture and have the right to introduce testimony at such time, within ten days after service of said notice upon him, and if it appear from the examination of such samples that any seed offered

ed to be imported into the United States is adulterated or misbranded within the meaning of this Act, or is otherwise falsely labeled in any respect, or is intended solely for adulteration purposes, the said seed shall be refused admission under such regulations as the Secretary of the Treasury may prescribe: Provided, That the Secretary of Agriculture shall render his decision and give notice thereof to the consignee within ten days after the expiration of the time allotted to said owner or consignee to appear and introduce testimony as aforesaid: And provided further, That the Secretary of the Treasury may deliver to the consignee such seed, pending examination and decision in the matter, on execution of a penal bond for double the amount of the full invoice value of such seed, together with the duty thereon, and on refusal to return such seed for any cause to the custody of the Secretary of the Treasury when demanded, for the purpose of exclusion from the country, or for any other purpose, said consignee shall forfeit the full amount of the bond.

Sec. 7. That the term "Territory" as used in this Act shall include the insular possessions of the United States. The word "person" as used in this Act shall be construed to import both the plural and the singular, as the case demands, and shall include corporations, companies, societies, and associations. When construing and enforcing the provisions of this Act, the act, commission, or failure of any officer, agent, or other person acting for or employed by any corporation, company, society, or association within the scope of his employment or office, shall in every case be also deemed prima facie to be the act, omission, or failure of such corporation, company, society, or association as well as that of the person.

Sec. 8. That this Act shall be known, described, and designated as the Pure Seed Act of 1908.

Sec. 9. That this Act shall take effect and be in force upon the expiration of six months after its passage.

Geo. H. Gisel.

Some philosopher said: "Tell me what you eat and I will tell you what you are." From a commercial standpoint one might say: Tell me where you learned the grain business and I will tell you what kind of a grain dealer you are. Measured on a basis of this kind the record and success of Geo. H. Gisel is entirely satisfactory.

Mr. Gisel started in the grain business as an office boy with D. E. Newhall, April 1, 1890, and for three years was bookkeeper for the firm of Heinold & Rodebaugh. Commencing July 1, 1900, he took charge of the car lot grain and mill feed business for J. H. Rodebaugh, and it was during this time that his ability as a salesman and grain dealer of good judgment, became known outside the limits of Buffalo.

On September 6, 1907, Mr. Gisel launched into business for himself, and April 1, 1908, took in as a partner Ward G. Brooks, who was formerly associated with him as chief clerk. The firm is now known as Geo. H. Gisel & Co., conducting a cash grain brokerage business; also doing a general receiving and shipping business in grain and feedstuffs at Buffalo.



Geo. H. Gisel, Buffalo, N. Y.

Grain Dealers' Meetings.

May 1, at Piqua, O., grain shippers of Ohio and Indiana will meet to discuss freight rates.

May —, at Oklahoma City, Okla., the eleventh annual meeting of the Grain Dealers' Ass'n of Oklahoma and Indian Territory.

May 21 and 22, at Fort Worth, Tex., the annual meeting of the Texas Grain Dealers Ass'n.

June 8 and 9, National Ass'n of Feed Dealers at Detroit.

June 9-10, at Springfield, Ill., the annual meeting of the Illinois Grain Dealers Ass'n.

June —, at Indianapolis, the mid-summer meeting of the Indiana Grain Dealers Ass'n.

June 23-25, the American Seed Trade Ass'n at Detroit.

July 1-2, at Cedar Point, Ohio, the annual meeting of the Ohio Grain Dealers Ass'n.

July 14, at Des Moines, Ia., the annual meeting of the Iowa Grain Dealers Ass'n.

About July 15, the Tri-State Grain Dealers Ass'n.

July 28-30, the National Hay Ass'n, at Cedar Point, O.

Oct. 15, 16 and 17, at St. Louis, Mo., the twelfth annual meeting of the Grain Dealers National Ass'n.

Imports and Exports of Hay.

Imports of hay for the eight months prior to Mar. 1 have been 8,886 tons, against 33,922 tons for the corresponding period of 1906-7.

Exports of hay for the eight months prior to Mar. 1, have been 52,568 tons, against 37,238 tons for the corresponding period of 1906-7, as reported by O. P. Austin, chief of the Bureau of Statistics.

Exports of Glucose, Corn Oil and Cake.

Exports of glucose for the eight months prior to Mar. 1 have been 91,172,986 lbs., against 94,949,152 lbs. for the corresponding period of 1906-7.

Corn oil amounting to 2,833,000 galls. was exported during the 8 months; against 1,893,000 galls. during the corresponding period of 1906-7.

Corn oil cake exports for the eight months prior to Mar. 1 have been 46,078,124 lbs., against 39,334,580 lbs. for the corresponding period of 1906-7, as reported by O. P. Austin, chief of the Bureau of Statistics.

Exports of Breadstuffs.

Our exports of breadstuffs for the nine months prior to Apr. 1 have included 86,754,860 bus. of wheat, 47,488,270 bus. of corn, 972,462 bus. of oats, 2,067,509 bus. of rye, 3,756,423 bus. of barley and 11,000,022 bbls. of wheat flour; compared with 60,622,919 bus. of wheat, 60,161,214 bus. of corn, 3,461,620 bus. of oats, 229,105 bus. of rye, 7,463,658 bus. of barley and 11,123,984 bbls. of wheat flour for the corresponding 9 months of 1906-7. The total value of breadstuffs exported for the nine months was \$174,990,297; against \$139,397,375 for the corresponding nine months of 1906-7, as reported by O. P. Austin, chief of the Bureau of Statistics.

The German Grain Trade Ass'n has recently requested the Russian government to establish courts of arbitration and to exclude from the bourses traders who fail to abide by contracts.

Protest Against Seed Legislation.

A delegation of members of the American Seed Trade Ass'n went to Washington recently and made so vigorous a protest against legislative interference with the seed trade that we are assured no bill will be passed at this session of Congress.

The delegation was composed of gentlemen of the highest standing in their respective communities and their representations were most effective upon the 13 congressmen who were present at the committee hearing on the Mann pure seed bill Apr. 21.

An informal conference had been held with Mr. Mann Apr. 20, at which were present Geo. S. Green, Chicago; J. C. Vaughan, Chicago; Chas. N. Page, Des Moines, Ia.; Chas. Dickinson, Chicago; E. V. Hallock, Queens, N. Y., and W. W. Tracy of the Dept. of Agriculture. Various changes were urged and these were embodied in an amended copy of the bill which was left with Mr. Mann. It is published in another column of this number of the Journal. In thus aiding Mr. Mann to make his bill workable by eliminating some of the impracticable sections and penalties the seed trade does not endorse the amended or any bill; influential members of the American Seed Trade Ass'n declaring that the percentage of dishonest dealers in the trade is so small as not to warrant harassing reputable dealers with legislation of questionable value.

Before the full committee on interstate and foreign commerce there appeared on Apr. 21 Mr. Green, Mr. Vaughan, Mr. Dickinson, Mr. Page, Jerome B. Rice, Cambridge, N. Y., and Walter P. Stokes, committee of the American Seed Trade Ass'n; E. L. Dungan of W. H. Maule, Philadelphia; Jos. Breck & Son Co., Boston; F. W. Bolgiano, Washington; J. M. Lupton, Mattituck, N. Y.; Alex. Forbes of Peter Henderson & Co., New York; S. F. Millard, Wethersfield, Conn.; and representatives of Comstock, Ferre & Co., Wethersfield, N. Y. and the Holmes Seed Co., Harrisburg, Pa. The Dept. of Agri. was represented by B. T. Galloway, chief of the Bureau of Plant Industry, A. F. Woods, Edgar Brown, and W. W. Tracy.

Mr. Green presented the case and called upon the others to present their arguments, which resulted in a better understanding between seedsmen and the parties having the proposed legislation in charge. Among those who spoke were Geo. S. Green, J. B. Rice, Chas. Dickinson, W. P. Stokes, J. C. Vaughan, C. N. Page, H. W. Wood, S. F. Willard, Alex. Forbes and E. V. Hallock. A resolution signed by the five first named, was presented, as follows:

Whereas, The American Seed Trade Ass'n is entirely in accord with that part of the proposed act which would exclude the importation of all misbranded seeds, containing adulterants, as such, and of adulterants themselves, and would correct any abuses that may exist; and

Whereas, the working out of a practical and operative law has proven as difficult here as in England and Canada, be it

Resolved, That the American Seed Trade Ass'n ask that sufficient delay be given for the appointment of a committee in the house committee having the bill in charge and a committee from the seed trade and experts in the Bureau of Plant Industry, to make such an adjustment of Mr. Mann's bill as the practical workings of the act seem to require.

New Grain Tariffs.

The *Traffic Bulletin* reports the filing of new tariffs covering elevation allowances, by the Great Western in amendment 9 to ICC No. 3893, effective May 20, by the Rock Island at Topeka, Kan., ICC No. C8455, effective May 9, by the Rock Island at Missouri River Points ICC Nos. C8456 and 8457; by the Missouri Pacific in tariff No. ICC A468 on grain transferred thru elevators at Omaha, Nebraska City, Council Bluffs, Atchison, Leavenworth, Kansas City, Kan., Kansas City, St. Joseph, St. Louis, East St. Louis and Coffeyville, Kan., effective May 4.

The New York Central quotes a charge of 3c including elevation at New York and Weehawken, N. J., in ICC No. B7357, effective May 21. The Norfolk & Western quotes elevator charges at Norfolk, Va., in its tariff ICC Nos. 3251-2-3-7. The Pennsylvania Railroad makes rules governing the transfer of grain thru transfer elctr. at Mansfield, O., in its tariff No. ICC F49.



Unloading Wheat Carts at Coronel Suarez, Argentina. [After Bicknell, Bulletin 27. U. S. Dept. of Agri.]



Hauling Wheat to Market, Province of Buenos Aires, Argentina. [After Bicknell, Bulletin 27, Bureau of Statistics, U. S. Dept. of Agri.]

Minimum weights are prescribed by the C. M. & St. P. in ICC No. A9855, Sup. 3, effective May 19; by the Great Northern in three tariffs, Sup. 20 and Sup. 21 to ICC No. A2459, and amend 2 to ICC No. A2590, and by the Rock Island in Amend. 27 to ICC No. C6251.

A change in the definition of transit privileges is made by the Southern Ry. in tariff ICC No. D107, sup. 2, effective May 4.

A new reshipping tariff is put out by the Southern Freight Ass'n in Sup 8 to ICC No. A2, covering grain, grain products and hay, from St. Louis, Carondelet, Mo., East St. Louis to points in southeastern and Carolina territory, effective May 20.

Linden, Ind., is a great market for elevator dust and oat clippings, judging from the constant filing of new tariffs covering rates on these ingredients of molasses feeds. The B. & O. quotes 8c from Fostoria, O., the Hocking Valley the same rate from Fostoria, 10c Columbus, O., to Chicago, 11½c from Columbus to Milwaukee.

Montezuma, Ind., is given special rates on corn cobs from points in Indiana and Illinois by the C. H. & D. in tariffs ICC No. 2010 and 2012.

Rules governing the furnishing and expense of grain doors are given by the Nickel Plate in ICC No. 2370.

A reverse movement in the corn trade is indicated in the tariffs filed by the Northwestern providing a rate of 6c on corn Chicago to Clinton, Ia., and 5c Peoria to Clinton; and from the same points to Cedar Rapids. The rate will expire when new corn comes on the market.

Decatur, Ill., is given a rate of 6c by the C. & A. on grain, barley, buckwheat, corn, kaffir corn, popcorn, speltz from Croft, Fancy Prairie, Ellis, Green Valley, Harness, Middleton, New Holland, San Jose, Van Wood and Winkler, in ICC No. 1083, effective May 23.

Wheat rates are quoted by the Missouri Pacific in ICC No. A477-8-9 Kansas City to Alton 9c, when from beyond; Chamois, Mo., to St. Louis, 7½c; Kansas City to Independence, 2c; proportional rates; effective June 15.

Milling in transit tariffs recently filed are: St. Louis, by the Cumberland Gap

Handling Grain in Argentina.

BY GEO. M. LE COUNT, CROP EXPERT FOR FINLEY, BARRELL & CO.

The method of handling grain in Argentina is quite as crude as the methods employed in farming. Very little of the grain is cleaned or graded and most that I saw was loaded just as it came from the threshing machine. The grain is all sacked and weighed right at the machine as fast as it is threshed. Each sack of wheat weighs 100 kilos (or 220 lbs.) and is sewed up and goes aboard the steamer in that shape. Sometimes the threshing occurs some thirty or more miles from the railroad or river, and it has to be transported to town in the great high-wheeled carts, which I have before described. In town the wheat is sold to a local grain buyer, who piles it up under sheet iron sheds until it is ready to be transported to the sea ports by rail. Sometimes there are no sheet iron sheds (called Galapons) and in such cases the sacks of grain are piled up on the ground

and covered with canvas. There are a few elevators in the country, but not nearly enough to take care of the grain that is now being grown.

Grain is sometimes carried in box cars, but the usual way of shipping wheat to the coast is to load the sacks in open or gondola cars and cover the load with canvas. I believe there is not much, if any, wheat shipped loose in the car. In my journeys through the country, I did not see any being shipped in that manner; all that I saw was sacked.

The export business is all in the hands of the "big four"; namely, Bunge & Born, Dreyfus & Co., Weil & Co., and Huni & Wurmser. These four companies practically control the export grain business in the Argentine. Their agents go through the country, contracting for the wheat before it is threshed, and much of the crop is bot before threshing time; what percentage I do not know, but I do know that land owners buy a great deal of wheat from their tenants and deliver the crop to the railroad under contract with one of the big exporting companies. I do not believe that many of the land owners or farmers ship their grain to the sea coast. It is sold either under contract or to the nearest local grain buyer.

The threshing conditions in Argentina are similar to those in our own country. Threshing starts as soon as the crop is fit and the grain is nearly all threshed from the stack and, of course, there is much of the crop that is threshed before going through the sweat, but the farmer who is unable to get a threshing machine to thresh his crop as soon as he has finished stacking lets his grain go through the sweat.

The Argentine farmers excel our farmers in one thing only; namely, in stack building. When the Argentine farmer gets his wheat in the stack it is perfectly safe from the weather. Their stacks are built in huge ricks and often there are several hundred bushels of wheat in one rick.

I was told that conditions for the handling of grain have been improved greatly in the last five years, but I am quite sure there is still room for much more improvement.



Wheat Piles at Coronel Suarez, Southern Ry., Province of Buenos Aires. [After Bicknell, Bulletin 27, U. S. Dept. of Agri.]

Des.; Cincinnati, O., by the Erie; Indianapolis, by Ind. Sou.; Lydick to South Bend, by Lake Shore; Winona, Minn., and La Crosse, Wis., by the C., B. & Q.; from Toledo Elevators, by Hocking Valley; at Corydon, Ky., by Ill. Cent.; at Buffalo, by Mich. Cent.; at Saginaw and Bay City, Mich., by Pere Marquette; and at stations on the Scioto Valley division by the Norfolk & Western.

The United States Supreme Court on April 6 upheld the right of a state to tax transactions in commodities for future delivery.

M. H. Davis, foreign trade commissioner, was given a complimentary farewell dinner at Columbus, O., Apr. 15 by the millers of the state and country, before his departure to study the flour markets of the world in the interest of American millers.

The Hepburn-Warner amendments to the Sherman anti-trust law are opposed by the Merchants Ass'n of New York in resolution recently adopted by the directors, advocating a commission to collect evidence on the anti-trust act and make specific recommendations of further legislation.



Transferring and Weighing Wheat Piles at Coronel Suarez, Argentina. [After Bicknell, Bulletin 27, Bureau of Statistics, U. S. Dept. of Agri.]

Grain Trade News

ARKANSAS.

Little Rock, Ark.—T. H. Bunch recently entertained a party of Kansas grain men. The visitors were shown over Little Rock, Pulaski Heights and Argenta, and were banqueted at the hotel Marion.

Stuttgart, Ark.—The Stuttgart Rice Mill Co. has increased its authorized capital stock from \$50,000 to \$100,000, and the paid up capital from \$40,000 to \$60,000. The company will install \$2,500 worth of new machinery and build two new warehouses at once. The new warehouses will be 72 x 150 and 72 x 60 ft. These improvements will increase the capacity of the mill from 500 to 800 bbls. per 12-hour day.

CALIFORNIA.

Tulare, Cal.—Michael Mahoney and Herman Gudehus have bot the interest of R. Henrich in the plant of the Tulare Grain & Milling Co.

CANADA.

Wetaskiwin, Alta.—The Canadian society of equity will build an eltr.—C.

Mowbray, Man.—The Imperial Eltr. and 3,000 bus. of wheat were destroyed by fire April 18. Insured.—C.

Duck Lake, Sask.—The Duck Lake Milling Co. has decided to build an eltr. here in connection with its mill.—C.

Eden, Man.—The Canadian Northern eltr. and between 6,000 and 7,000 bus. of wheat was burned Apr. 16. Loss, \$5,000.

Goderich, Ont.—The Goderich Eltr. Co. contemplates building an annex to its present building, the capacity of which is 500,000 bus.

Toronto, Can.—The Grand Trunk Railroad Co.'s Northern Eltr. was burned Apr. 21. The eltr. was partly filled with wheat. Loss, \$50,000.

Fort William, Ont.—The driving of piles for the Canadian Pacific Railroad Eltr. has been finished and the heavy concrete foundation is soon to be laid.

Chatham, Ont.—The grain eltr. of G. T. Crow, at Prairie Siding, on the line of the Grand Trunk railroad was burned Apr. 18. It was filled with grain; all insured.

Montreal, Que.—The following regulations have been agreed upon by the Grand Trunk and Canadian Pacific roads: Oats for export via Montreal will be waybilled at the domestic rate, and reduced to the export rate on proof of exportation; and the Montreal terminal charge, which will include elevation, 20 days storage or part thereof, and floating in Montreal harbor, but exclusive of insurance, will be 3½¢ per 100 pounds, in addition to the freight rate. This arrangement to be applicable to all traffic originating at points in the provinces of Ontario and Quebec west of Montreal, including traffic originating on connecting lines, as well as at the stations on the line of the Grand Trunk railway system in the provinces mentioned. The above arrangement will also apply to export oats going into eltr. on and after March 31, and additional storage will be given until May 15, 1908, without extra charge. On export grain other than oats a charge

of 7½¢ per bu. will be made, same to include elevation, 20 days' storage or part thereof, but will not include insurance or any portion of the cost of floating or lighterage.

CHICAGO.

L. A. Calkins & Co. have removed from the Rookery to the Board of Trade bldg.

G. A. Wegener, formerly with Thos. Bennett & Co., has engaged in the brokerage business on his own account.

Chicago members of the St. Louis Merchants Exchange will charter a private car to attend the smoker at that city May 7.

The new grades of velvet chaff wheat established by the State Grain Inspection Dept. to go into effect May 3, are given in another column of this number.

The rate of interest to be charged for advances upon Bs/L has been 5½ cents during April, as officially authorized, a reduction of ½ cent from the March rate.

T. A. McIntyre & Co., stock brokers of New York, who also were members of the Chicago Board of Trade, failed yesterday, owing several hundred thousand dollars.

Deaths among members of the Board of Trade Mutual Benefit Ass'n have been few during the last 8 months. The death assessments in that time were only 5, and in the past 3 months 15 new members have joined.

Pringle, Fitch & Co. will succeed Pringle, Fitch & Rankin on May 1. James Rankin will retire and the firm will be composed of Robert Pringle, Walter Fitch, William D. Card, S. W. Browning and Leeds Mitchell.

The transfer charge of ¼¢ per bu. will be allowed holders of eastern Bs/L on grain shipped out of public eltrs., by agreement of the roads yesterday. It is said that hitherto the ¼¢ charge has been given proprietors of the public eltrs.

Trading in May wheat has become extra hazardous on account of the concentrated holding by one interest. Speculators who wish to profit by acting on trade conditions and market news have begun dealing in the July and September options.

"I am of the opinion that it is unlawful for the owner, lessee or proprietor of a public warehouse of class A to store his own grain in his own warehouse in a separate bin and issue certificates or warehouse receipts therefor."—Opinion by Atty.-Gen. Stead.

The general contract for 4,500 tons of steel to be used in the construction of the big glucose works at Summit, has been let by the Corn Products Refining Co. The drainage canal trustees will expend \$60,000 in excavating a steamship turning basin opposite the plant.

Application for memberships in the Board of Trade has been made by William D. Card, and Frank Harlow has applied for reinstatement. Application for transfer of membership has been made by Alfred L. McDougal and Jacob F. Goergen. Members of the Board of Trade recently admitted are John T. Sickel, John R.

Tomlin, Edward C. Remick, Charles T. Hulburt, Robert D. Covington, Berend J. Burns, Stoner W. Yantis, John J. Walcott, Frederick W. Parker, and John P. Bickell.

On a sale of 25,000 bus. of white oats to arrive 15,000 bus. was canceled, and on this Marfield, Tearse & Noyes charged ¼ cent to shipper, a member of the Board, who believed he should be charged nothing, having allowed the buyer ¼ cent. The violation of rules committee has decided that the firm was right in charging ¼ cent commission.

The suit by the First National Bank of Seymour, Wis., against Chas. W. Gillett & Co. to recover \$34,000 lost by the cashier of the bank, Thos. Coghill, in wheat speculation, was compromised Apr. 13 by defendant paying to the directors of the bank \$22,500 in settlement. Coghill made his trades during the eight months prior to Jan. 10, 1907, thru E. G. Heeman, and made his payments by bank drafts which he signed as cashier of the Seymour Bank. Coghill confessed the embezzlement and has been sentenced to 5 years in prison.

The Armour Grain Co. has bot in all its hedges in May wheat and put them out in July. The July hedges will be taken off if a good demand develops later for the cash wheat of which the company has a considerable quantity in private bins. Mr. Marcy, pres. of the Armour Grain Co. has decided not to divulge the stocks held in private eltrs., and Bartlett, Frazier & Carrington likewise will discontinue the practice of giving out the information. The taking off of the May hedges on the big line held by the Armour Grain Co. has congested the market for that future and led to rumors that a squeeze was being run; but the big premium on May compared with July is due to a scramble by shorts to get out by buying in their contracts rather than ship in wheat to meet sales. The stock of contract wheat in regular eltrs. is extremely small.

The Illinois Supreme Court on Apr. 11 refused the Board of Trade a rehearing of the injunction suit to compel the eltr. proprietors to operate regular warehouses. The decision of the Court, made final, was published very fully in the Grain Dealers Journal of Feb. 25, page 236. The present agreement between the eltr. proprietors and the directors of the Board of Trade, whereby the former are granted certain concessions, for which they continue to operate their houses as regular, will expire July 1, 1908. Of course, the decision of the court against the Board does not strengthen the latter in any demand for better working conditions on a renewal of the eltr. agreement. No talk is heard of a renewal of the agreement. The agreement now in force was sought by the special committee of directors of the Board, and reluctantly assented to by the eltr. men. In the event of a failure of the eltr. men and the Board to agree the sellers of grain for future delivery need give themselves no immediate concern, since the directors have ample powers to declare regular storage; and at any rate the first pinch is likely to be felt in regular room for cash grain arriving on track, as it was early in September, 1907. The element in the membership which fought any concessions to the eltr. men last year again is active, and has obtained a ruling from the Attorney-General of the state to the Illinois Railroad and Warehouse Commissioners, that the storage of grain and the registration of receipts therefor in special bins

of public eltrs. by public warehousemen is forbidden by the law. This special binning of grain was one of the concessions granted the eltr men by the Board last year. Its importance may be judged from the fact that about 90 per cent of the contract wheat in Chicago is stored in special bins. The state registrar already has begun the enforcement of this ruling.

COLORADO.

Seibert, Colo.—A. V. Jesse has bot the lumber, coal and grain business of the Seibert Lumber, Coal & Grain Co.

Denver, Colo.—The Denver Alfalfa Milling & Products Co., incorporated, capital stock \$50,000; incorporators, F. M. Wilson, O. Dines and F. E. Guy Hartman.

Julesburg, Colo.—The John Cass Lumber Co. expects to add 15,000 bus. storage to its eltr. The company has already put in a 20-h.p. electric motor and contemplates installing a roller feed mill.—John A. Cass.

IDAHO.

Nez Perce, Ida.—In a fight here P. W. Lawrence of Pullman has boosted the price of oats \$3 a ton, and wheat has gone up 3 cents per bu.

Idaho Falls, Ida.—The Car, Way & Mech Co. will erect a grain eltr., warehouse for storing flour and large coal sheds to cost \$25,000.

Boise, Ida.—Smith & Co., seed, grain and produce dealers will erect a large model wholesale building four to six stories in height to cost when entirely equipped \$60,000. It will be equipped with suction unloaders, elevators for lifting loaded freight cars and other machinery.

ILLINOIS.

Merna, Ill.—The Rogers Grain Co. is repairing its eltr.

London Mills, Ill.—Hummel Bros.' new grain eltr. is nearly inclosed.

Kirksville, Ill.—R. C. Parks has started the erection of a new eltr.

Swan Creek, Ill.—C. H. Grimsley is having the foundation laid for an eltr.

Mackinaw, Ill.—The foundation of the new eltr. of John Hoffman is completed.

Roodhouse, Ill.—Lewis & Beggs contemplate the erection of an eltr. at this place.

Fairmont, Ill.—C. F. Crow has sold his eltr. to Catlett & White to give possession June 1.—O. C. Benson.

Bardolph, Ill.—A. D. Stanford has bot the old frame eltr. for \$900. He will tear it down and build an addition to his eltr.

Bongard, (Philo, P. O.) Ill.—Bartlett Kuhn & Co. of Terre Haute, Ind., have bot W. J. Block's eltr., and taken possession.

La Rose, Ill.—The La Rose Grain Co. is enlarging its engine house at Eltr. No. 2 in order to make room for a 20-h.p. engine which it will install.

Colfax, Ill.—The Colfax Grain Co. has raised its cupola 8 ft. and is putting in an Avery Automatic Scale, with a capacity of 2,000 bus.—H. B. Rowe, Jr., mgr.

Hoopeston, Ill.—The Farmers Grain Co., of Heaton, incorporated, capital stock \$10,000; incorporators, Nelson E. Ross, Phineas I. Remsier and William High.

Venice, Ill.—The Venice eltr. is being remodeled at an expense of about \$20,000. New machinery is being installed and when the work is completed the house will be as modern as any at St. Louis or

East St. Louis. This house is built in two sections one of which will be changed so as to handle oats exclusively. The work will be finished by June 1.—S. L.

Arenzville, Ill.—The Arenzville Hager Farmers Grain Co., incorporated, capital stock \$10,000; incorporators, A. E. Crum, Wm. Niestrad and Theo. E. Hierman.

Chapin, Ill.—A farmers eltr. company has been organized. J. P. Cowdin, William Fisher and Albert Anderson have been chosen to investigate the subject of building.

Streator, Ill.—The Prairie State Grain Eltr. Co. has let the contract to L. H. Hodgman for the remodeling of its line of eltrs. west of this place along the C., I. & S. R. R.

Hager Sta., Arenzville P. O., Ill.—The Beardstown Lumber & Grain Co. has razed its grain eltr. at this place, and on the site will erect a modern building with a capacity of 30,000 bus.

Peoria, Ill.—A record breaking car of corn was sold recently by Frank Hall & Co. to the Great Western Distillery. The car contained 102,800 lbs. of No. 3 corn and sold for 63 3/4 cents per bu.

Forrest, Ill.—The Healy Grain Co., of Healy, Ill., was organized Apr. 10 and is now ready for business, with a capital stock of \$6,000. C. B. Strawn is pres. The postoffice is Forrest.—F. P. Garrity, sec'y, Strawn, Ill.

Dwight, Ill.—Cracksmen blew open the safe in the grain office of Geo. L. Kern, Apr. 1, by means of nitro glycerine. The entire interior of the office was wrecked by the explosion. Nothing was in the safe, but a set of books.

Sterling, Ill.—The Sterling, Dixon & Rock Falls Packet Co. has purchased the steamboat Beder and a barge. As soon as the barge now under construction is completed the company will begin building the floating eltr. for use on the new canal.

Peoria, Ill.—One day recently 130 cars of corn were received at this city, which is considerably more than was received at Chicago during the same day. For once Peoria has beaten the world's greatest corn market. Receivers here are pleased at the good run of corn they are having.

Peoria, Ill.—J. C. Haraman, special agent of the Interstate Commerce Commission, spent some time in this city recently to look into violations of law with a view to presenting evidence to the coming federal grand jury with regard to favors granted by the railroads to certain shippers of grain.

Urbana, Ill.—The University of Illinois Agri. Exp. Sta. has recently issued Bulletin No. 123, representing 6 years' work and furnishing definite facts and necessary information to Illinois land owners and farmers that will enable them to adopt methods under which Illinois soils will be certain to improve instead of decreasing in fertility, as at present. On the ordinary \$150 prairie land of the Illinois corn belt the increase from soil treatment has amounted to \$32.37 per acre in 6 years, with a net profit of 100 per cent, while the land is made richer year by year. By Cyril G. Hopkins and James H. Pettit. Copies may be obtained of the Experiment Station, Urbana.

Peoria, Ill.—Nash, Wright & Co. were given judgment recently against J. D. McClean for the full amount, \$1,718, of their loss under a contract made thru Baker & Traxler for the purchase of 11,000 bus.

standard oats made July 29 for delivery track Chicago in August and September at 38 1/2 cents per bu. On Mr. McClean's failure to deliver the oats the buyers brot suit, and at the same time brot suit for an attachment against certain assets of McClean, a check for \$600 and an account in a Peoria bank, Mr. McClean having removed from DeKalb when the transaction began to Peoria to reside. In the attachment suit the jury decided in favor of McClean; so that their judgment will remain unsatisfied until Mr. McClean settles or the firm finds property of his on which to levy another attachment. Mr. McClean states that his loss has been heavy on account of the attachment suit.

INDIANA.

Darlington, Ind.—The Alter Grain Co. has been dissolved.

Greentown, Ind.—John Holliday & Son have just installed a new 85 h. p. boiler.

Union City, Ind.—John Parent & Co. will build a large eltr. on the Nickel Plate R. R.

Flora, Ind.—Miller & Walker are having their old eltr. torn down and will put up a modern one.

Greensburg, Ind.—The Garland Milling Co. will erect an eltr. this season with a capacity of 27,000 bus.

Muncie, Ind.—S. C. Herman's grain and coal office was broken into recently and a bank book and papers taken.

Westfield, Ind.—The Goodrich Bros., Hay & Grain Co. has let the contract to the Burrell Engineering & Construction Co. for remodeling its eltr.

Jamestown, Ind.—The Stafford Grain Co., incorporated, capital stock \$15,000. Directors, William C. Jacques and Charles L. Stafford, of Thorntown.

Greenfield, Ind.—Benton L. Barrett has bot the interest of Arlis Thomas in the grain and eltr. business conducted by Thomas & Barrett. The name of the new company will be Barrett Grain & Eltr. Co.

Mt. Vernon, Ind.—The directors of the Society of Equity will erect an immense warehouse for the storing of tobacco and grain. Bids will be asked in a short time by Orrin Erwin, chairman, at Farmersville.

Winchester, Ind.—We have decided to remodel our eltr. at Westfield, and also spend considerable money on our house at Winchester, installing a drier and making other repairs.—Goodrich Bros. Hay & Grain Co.

Clarks Hill, Ind.—I. L. Storms & Co. are defendants in a suit brot by the Cleveland Grain Co. to recover \$210 on a contract made July 24 for the delivery of 4,000 bus. of oats, which they failed to fulfill, it is alleged.

La Grange, Ind.—Zopher Case has exchanged his farm for the grain eltr. of William C. Hawk. The latter will take charge of the eltr. at Mongo, which he bot from Carl Ford. Mr. Hawk will remove his family to Mongo.

Indianapolis, Ind.—Eighty prominent corn growers held a meeting recently at this city and decided to make a splendid exhibit at the Omaha National Corn Exposition in December. Governor Hanly will be asked to appoint a special commission to have charge of the Indiana exhibit at the show.

Indianapolis, Ind.—Marion W. Savage of Minneapolis, Minn., has brot suit in the federal court against Wm. J. Jones, Jr., of Lafayette, state chemist, to restrain

the enforcement of the 1907 law providing for inspection and analysis of concentrated commercial feeding stuffs, alleging that the food sold by Mr. Savage is a medicinal preparation.

IOWA.

Coon Rapids, Ia.—D. J. Jenks has failed. Liabilities, \$50,000.

Schaller, Ia.—Conger & Ball have succeeded the Northern Grain Co.

Holstein, Ia.—The Farmers Eltr. Co. has succeeded the Western Eltr. Co.

Humboldt, Ia.—Emery Sells has been chosen as manager of the Farmers Eltr. Co.

Riverside, Ia.—The Schumacher Cereal Co. is financially embarrassed and the mill has been closed temporarily.

Shenandoah, Ia.—The Grain Growers Ass'n has let the contract to G. H. Birchard for the erection of the eltr.

Traer, Ia.—James White, former manager of the eltr. of Ober-Kingsbury Grain Co., now is conducting an automobile garage.

Oskaloosa, Ia.—The old Ogden Eltr. has been torn down and taken away by H. D. Slaughter, of Waterloo, who bot it some years ago.

Eleanor Sta., Parkersburg P. O. Ia.—A. Ontjies, Jr., has bot one of the eltrs. here. His brother John will have charge of it for the present.

Storm Lake, Ia.—The work on the eltr. of Wagner Bros. is about completed. A very commodious office has been fixed up in a corner of the eltr.

Doon, Ia.—The Plymouth Eltr. Co., of Sioux Falls, will erect an eltr. here with a capacity of 30,000 bus.—C. G. Williams, supt. Plymouth Eltr. Co., St. Peter, Minn.

Cedar, Ia.—R. J. Woody has bot an eltr. at Waterloo and will tear it down and remove it to this place where he will use it in rebuilding and enlarging his eltr.

Sioux City, Ia.—The Chicago & Northwestern Ry. has given official notice of the new tariff permitting the stopping of grain at this city to be cleaned in transit.

Albion, Ia.—The eltr. of S. J. Burroughs, which was burned recently, will be rebuilt. The size of the new eltr. will be about the same. It will be completed by July 1.

Nashua, Ia.—The Farmers Incorporated Co-operative Society which was organized two years ago, has quit business and the stockholders have not yet received a settlement.

Sibley, Ia.—A farmers eltr. company is being organized here. The company may buy the eltr. of the A. W. Harris Grain Co. Geo. Mackinson and C. C. Truckemiller are interested.

Rutland, Ia.—I have bot the eltr. of Martin, Chumly & Martin. It has a capacity of 30,000 bus. I have taken possession and have a good business to start with.—A. T. Montgomery.

Shellsburg, Ia.—We have bot the eltr. at Shellsburg owned by the late S. F. Miller and will operate both plants, with John Hite in charge at Shellsburg.—Bickel Grain Co., Vinton.

Des Moines, Ia.—The B. A. Lockwood Grain Co. has brot suit against Rube Sutter of Polk City to recover \$138 on a contract to deliver 1,200 bus. of oats by Sept. 1, 1907. Sutter failed to deliver the grain.

Maurice, Ia.—A farmers eltr. company has been organized. The company has found an old line eltr. with a capacity of

15,000 bus. which it can buy. John Linman, pres.; P. M. Emory, vice pres.; and Peter Voss, sec'y.

Green Mountain, Ia.—The Farmers Eltr. Co. has \$1,275 tied up in the defunct Green Mountain Savings Bank, which held two of the company's notes aggregating \$2,500. Both notes were paid, but one of them was not canceled.

Chatsworth, Ia.—F. Wakeman recently received a "black hand" letter, and by looking up the handwriting of all the residents of the town decided the author was Geo. Hendrich, a youth of 18, who has confessed his villainy and been lodged in jail. Mr. Wakeman is a wealthy grain dealer, and was commanded to place \$10,000 in a certain spot in the railroad yards.

Runnells, Ia.—We sold corn to-day, Apr. 18, to be shipped to Garden Prairie, Ill., and Butler, O. There is surely quite a shortage of corn. We have shipped between 200 and 300 cars of corn to northern Iowa this year. In connection with our grain business we are erecting buildings 24x70 ft. at Percy and Cordova, Ia., where we have gone into the farm implement business.—R. W. Taylor & Co.

Des Moines, Ia.—A card to be posted conspicuously in grain offices is being sent out by Geo. A. Wells, sec'y of the Iowa Grain Dealers Ass'n, as a warning to tenants of the lien law, providing that "Section 1. If any tenant of farm lands shall, with intent to defraud, sell, conceal or in any manner dispose of any grain, or other annual products thereof upon which there is a landlord's lien for unpaid rent, without the written consent of the landlord, he shall be guilty of larceny and punished accordingly."

KANSAS.

Humboldt, Kan.—Dickinson Bros. have bot a site near the Santa Fe right of way and will build an eltr.

Grainfield, Kan.—Mat. Lewis, grain dealer, has sold his business at this place and expects to move to Idaho.

Woodbine, Kan.—I have sold my grain business and eltr. to the Woodbine Mill & Eltr. Co.—C. H. Koepke.

Grinnell, Kan.—The Hoffman Eltr. Co., of Enterprise will erect a grain eltr. with a capacity of 26,000 to 30,000 bus.

Kansas City, Kan.—Chief Grain Inspector John W. Radford recently underwent a surgical operation at his home.

Coldwater, Kan.—The farmers have let a contract to the P. H. Pelkey Construction Co. for the erection of an eltr.

Sedgwick, Kan.—T. M. Kanavel, who recently succeeded William Finn in the grain business at this place, is repairing the eltr.

Meade, Kan.—Reynolds & Twist's eltr. and chop mill, which is being erected by the P. H. Pelkey Construction Co., is about completed.

Kinsley, Kan.—Farmers invite the regular dealers to build an eltr. at Nettleton Sta. Inquiries will be answered by H. S. Reed, Kinsley.

Bucyrus, Kan.—We have just finished one of the most complete eltrs. in the country, capacity 10,000 bus.—Harris-Anderson Lumber Co.

Burrton, Kan.—The eltr. of the H. C. Grain Co. was burned Apr. 8, together with 6,000 bus. of corn, 1,000 bus. of wheat and 900 sacks of alfalfa hay meal. Loss, \$7,500.

Highland, Kan.—M. G. Heald, of Centralia, may erect an eltr. here with a ca-

capacity of 12,000 bus., to be run by a 22-h.p. engine. He formerly operated an eltr. at Centralia.

Wichita, Kan.—J. C. Robb has fitted up offices in the Sedgwick building for his grain business. His former office on the second floor of the building has been taken by the Gorvin Flour & Grain Co.

Wellington, Kan.—Fred Vanderberg, until recently head of one of the grain firms, died at the home of his father, near this city of tuberculosis, at the age of 34. He is survived by a wife and three children.

McPherson, Kan.—The first meeting of creditors of the Parker Grain Co. has been called for Apr. 27 at the office of Referee Z. C. Millikin. The schedule filed Apr. 14 showed \$163,000 liabilities and \$60,000 assets.

Topeka, Kan.—In all probability the next meeting of the Grain Dealers Ass'n of Kansas will be held between the 1st and 15th of June. The time and place remain to be decided by the board of directors.—E. J. Smiley, sec'y.

Wichita, Kan.—The F. G. Olson Grain Co. has engaged in the alfalfa feed business, and is putting the meal out in 100-lb. bags. Wichita is becoming a center of the alfalfa meal industry, several mills for the manufacture of the new feed having been established during the past year.

Summerfield, Kan.—Geo. Graven will close the eltr. for 90 days for repairs. The dump bins will be below the ground instead of setting on the ground as they are now, and the top of the eltr. will be raised giving more room for bins and elevation. The capacity of the eltr. will be increased and new machinery will be installed.

KENTUCKY.

Frankfort, Ky.—L. B. Weisenburgs will erect an eltr. with a capacity of 50,000 bus. and a flour mill with a capacity of 200-bbls.

LOUISIANA.

Eunice, La.—The Eunice Rice Mill Co. recently organized, will erect a large rice mill here to be completed in time for this year's crop. Philip Miller, formerly manager of the Gulf Mill at Welsh, will have charge.

New Orleans, La.—The plant of the New Orleans Milling Co. was sold at auction Apr. 9, to E. T. Merrick, acting for the bondholders, for \$25,000. The mill has a capacity for 250 bbls. of flour and 250 bbls. of corn. It is reported that a company will be organized to operate the mill.

MARYLAND.

Cumberland, Md.—The Cumberland Milling Co. will enlarge its plant.—Marilyn & Co.

Baltimore, Md.—We are receiving hay as much as we can handle to advantage. Demand is light and supplies heavy everywhere.—J. M. Frisch & Co.

Baltimore, Md.—Members recently admitted to the Chamber of Commerce are John Leighton Alcock, Gamble Latrobe, Maximilian M. Blanck and S. O. Malin.

MICHIGAN.

Saginaw, Mich.—W. I. Biles has succeeded H. W. Carr, with the Saginaw Milling Co.

Kalamazoo, Mich.—Morris Kent, of the firm Morris Kent & Co., is ill at his

home on the farm at Watson, with heart trouble.

Detroit, Mich.—Alexander Lewis, at one time pres. of the Detroit Board of Trade, and a gentleman of the old school, died Apr. 18, aged 86 years.

DETROIT.

Detroit grain dealers are looking forward to the close of the Chicago May deal in corn and oats. Dealers believe buyers of the cereals will purchase freely when they think the price is not liable to fluctuate.

Demand for grain would be good on the basis of July options. The manipulation in May options is more pronounced at the present time than for a long while. There is no reason why May corn should be worth more than July corn, not even taking carrying charges into consideration. Detroit dealers will unanimously support anything tending toward the curtailment of speculation.—Dumont Roberts & Co.

Grain dealers at Detroit note with pleasure a marked change taking place in the agricultural districts of Michigan. The farmers are learning that fertilizer of the proper sort will increase the yield of their fields often 50%. Fields that have yielded little for years are being fertilized and sowed to wheat, corn, oats. It is believed the acreage of beans is decreasing as the farmers prefer to diversify their crops.

MINNESOTA.

Brainerd, Minn.—Col. O'Brien will erect an eltr.

Tracy, Minn.—The eltr. of Bingham Bros. was burned recently.

Wheaton, Minn.—The Monarch Eltr. Co. will erect an eltr.

Cobden, Minn.—D. McPhee is the new grain buyer for the Sleepy Eye Milling Co.

Bowlus, Minn.—Louis Chihart will take charge of the eltr. being erected by John Borgerding.

Albert Lea, Minn.—The Myrtle Grain Co. has bot the business of the Interstate Iowa Coal Co.

Duluth, Minn.—The Itasca Eltr. has been made regular under the rules of the Board of Trade.

Slayton, Minn.—Herman Koranski is the new manager of the eltr. of the Farmers Eltr. Co.

Royalton, Minn.—John Borgerding contemplates putting in a line of eltrs. along the Soo extension.

Fosston, Minn.—An attempt is to be made to operate the farmers eltr. again as a co-operative farmers eltr.

Myrtle, Minn.—The Myrtle Grain Co. contemplates the erection of an eltr. at some point on the Rock Island tracks.

Byron, Minn.—J. L. Cohen, of Rochester, has removed his family here and will buy grain for G. W. Van Dusen & Co.

Barry, Minn.—Louis E. Daily, a grain buyer at this place, has filed a petition in bankruptcy. Assets, \$300; liabilities, \$3,284.

Vesta, Minn.—The Schmid & Anderson Grain Co.'s eltr. was burned on the night of Apr. 16. Loss, \$5,000.—Agt. Bingham Bros.

Rochester, Minn.—The state railroad commission has ordered the C. & N.-W. Ry. to build a spur track to the plant of the Coles Milling Co.

Park Rapids, Minn.—The Park Rapids Mill & Eltr. Co., incorporated, capital

stock \$50,000; incorporators, L. H. Rice, G. R. Wilson and F. D. Long.

Hadley, Minn.—The Plymouth Eltr. Co., of Sioux Falls, will erect an eltr. here with a capacity of 30,000 bus.—C. W. Williams, supt., Plymouth Eltr. Co., St. Peter, Minn.

Ashby, Minn.—The Ashby Farmers Eltr. Co., incorporated, capital stock \$25,000; incorporators, Torkel E. Risbraudt, Knute K. Fugile, J. H. Bemis, C. J. Teisberg, C. O. Rustad, J. L. Everts and J. M. Stener.

Mankato, Minn.—The Gopher State Maltng Co., incorporated, capital stock \$100,000; incorporators, F. K. Meagher, Nicholas Peterson, Bruno Roemer, Charles T. Taylor, J. C. Thro, F. A. Wochner and C. A. Richardson.

Duluth, Minn.—The state railroad and warehouse commission desires to sell or lease the eltr. site acquired in 1893 for a state eltr., and has asked the atty.-general for an opinion on its right to dispose of the ground. The state has held the land since the state eltr. law was declared unconstitutional.

Sauk Rapids, Minn.—J. Neils, who is in charge of the eltr. of F. Neils & Son, had a painful accident recently. He was grinding feed and while putting a spout into place on the machine, in some manner the edge of it was caught in the belt, and his hand, with the sharp-edge spout, was caught in the wheels. He succeeded in jerking it out partly before the spout caught it, or he might have lost his whole hand.

Duluth, Minn.—The Board of Trade is going to get into the ball game with a club composed exclusively of members and employees of members. The team will be completely equipped and will not hesitate to cross bats with Chicago, Milwaukee or Minneapolis. The Duluth Board of Trade Baseball Club was organized Apr. 16 with Chas. H. Thornton, Mgr., Wilfred H. Kiehl, treas., and Ray Withrow, captain.

Red Wing, Minn.—In a short paragraph in this column Apr. 10 it was stated that it was the Red Wing Linseed Oil Co. which became bankrupt. This is not true. The Red Wing Linseed Mills went into the hands of a receiver last summer and this company bot the plant. This company is the successor to the Red Wing Linseed Mills, doing business at the same plant and is still on its feet.—Red Wing Linseed Co.

OUR MINNEAPOLIS LETTER.

The Cargill Eltr. Co. has let the contract to the Barnett & Record Co. for the erection of a 600,000-bu. storage annex of concrete, to Eltr. T.

P. M. Ingold has severed his connection with the McIntyre-Ingold Co. He will engage in the general grain and commission business on his own account.

The W. P. Devereaux Co. has bot the Union Terminal Eltr. B. This company will remodel it and install conveying and grinding machinery, a 100-K. W. generator and 2 motors.

The federal district court has convicted Herbert F. Robinson, J. L. Layne and F. E. Holiday, who were under indictment for participation in the get rich quick grain swindle conducted by E. S. Vaughan.

Robt. Johnston, buyer for the Wisconsin Northern Grain Co., has been selected as manager of the Chamber of Commerce baseball club which is to meet the Chicago board of trade club this summer. The players have not yet been selected,

but Mr. Johnston is going to see first what showing the different men can make at rehearsals before choosing. The boys want to make sure of giving the Chicago boys a licking this year.

On this crop, counting from Aug. 1, 18-455,850 bus. of barley has been marketed at Minneapolis. Is Milwaukee, Chicago or any other market in the world able to make an equal showing for any period of the same length?

The sheds, office buildings and eltr. of E. L. Phelps & Co. were burned Apr. 20 together with 11,000 bus. of corn and oats. Loss, \$35,000; partly insured. The fire is said to have started in a shed where some boys were smoking cigarettes.

The Chamber of Commerce is building an automobile shed upon the vacant lot next to the old Chamber building, owned by the chamber. This is for the benefit of members who have been heretofore compelled to leave their machines stand on the street during the day.

The contract for the construction of the Northwestern Consolidated Milling Co.'s 1,000,000-bu. eltr. has been let to G. T. Honstain. The house will be fire-proof, of the square bin brick construction, thoroughly modern, and have a receiving and cleaning capacity of 50,000 bus. per day. Electric motors will drive the machinery.

The Wisconsin Northern Grain Co. will discontinue business here. The employees have been given notice to look for other situations. Mr. Gifford and Mr. Barrett will move to Manitowoc where they will engage with the Northern Grain Co. of that city, as soon as the business of the Minneapolis office is wound up, which it is calculated will be about June 1st.

A rule has been adopted by the directors of the Chamber of Commerce to govern the eltrs. in loading out grain. A terminal eltr. is required to load out grain or seeds as rapidly as cars are furnished and the capacity of the eltr. permits, having due regard for contracts entered into by the eltr. prior to the delivery of the warehouse receipts. The terminal eltr. must make no contracts or arrangements which will prevent its delivering grain or seeds represented by such warehouse receipts, to the extent of at least any reasonable requirements of the holders of such receipts, providing cars in which to load such grain or seeds are furnished. The 4 per cent clause requires that the eltr. must load out daily at least that percentage of the amount represented by the warehouse receipts. The rule also defines the rate at which storage shall cease; the minimum amount of grain that must be loaded, providing cars and switching service are furnished.

MISSOURI.

St. Joseph, Mo.—The South Park Grain Co. has installed a moisture tester.

Rich Hill, Mo.—The Peoples Eltr. Co. of this place and Butler, has bot a site here and will erect an eltr.

Cedar City, Mo.—G. H. Dulle & Co., of Jefferson City, Mo., are erecting an eltr. here with a capacity of 50,000 bus.

Springfield, Mo.—The Newton Grain Co. is erecting a warehouse covering about 18,000 ft. of floor space.—T. E. Newton.

Springfield, Mo.—John F. Meyer & Sons Milling Co. will erect a new eltr. on the site of the old eltr. and barn with a capacity of 125,000 bus. The eltr. will be 80 ft. high and of fire proof construction.

This will give the company an eltr capacity of 275,000 bus. in this city. The Burrell Engineering & Construction Co. has the contract.

St. Louis, Mo.—The rules governing the inspection of grain in Missouri have been published in a 13-page pamphlet by the Missouri Railroad & Warehouse Commissioners.

St. Louis, Mo.—Harry Langenburg was married to Miss Alice Morton Apr. 21 at the Church of the Messiah. The groom is a member of the firm of Langenburg Bros. & Co.

St. Louis, Mo.—The celebration of the cancellation of the mortgage bonds on the Merchants Exchange will be held by the members May 7 in the form of a smoker at the Southern hotel.

Kansas City, Mo.—Judge McPherson on Apr. 10 overruled the state's demurrer to the suit brot by several railroads to restrain the state officials from enforcing the maximum freight rate law.

St. Louis, Mo.—It is said that the reason for the daily offering on the sample market being less than the reported receipts is the inclusion by the railroads in the receipts of grain loaded out of private eltrs.

Norborne, Mo.—Fred Knipschild, the Norborne mule dealer, has purchased the interest of S. E. Hogan in the eltrs. at Norborne and Hardin, and the old firm of Hogan & Ferguson has been succeeded by Ferguson & Knipschild.—L. F. Ferguson.

Springfield, Mo.—To make contemplated improvements on its property the R. C. Stone Milling Co. has given a mortgage to secure a loan of \$150,000, the deed of trust permitting an issue of \$300,000 bonds and covering the grain eltr. at Brookfield as well as other property.

St. Louis, Mo.—The Municipal Bridge & Terminal Commission has decided to call a joint meeting of the executive officials of the eastern and western railroads at this city late this month to take steps for the elimination of all arbitrariness on grain at this market.

Kansas City, Mo.—The Supreme Court of Missouri has recently reversed the decision of the circuit court of Jackson County in the suit by Ralph W. Jackson against the Gulf Eltr. Co. to recover \$25,000 for injuries sustained while operating a corn grinder in the eltr. at a place which was poorly lighted. The lower court jury gave Jackson judgment for \$9,000, but the supreme court now has decided that the eltr. company was not guilty of negligence.

ST. LOUIS LETTER.

Millers are complaining of the poor demand for flour and almost to a man are of the opinion prices are entirely too high.

A large movement of grain is expected this way during the near future as the Southern demand has been improving considerably during the past week.

The following applications to join the Merchants Exchange have been received and posted: Jno. F. Murphy, Fred O. Paddock, E. M. Wray and Paul Brown.

At a meeting of the Board of Directors of the Mississippi Valley Eltr. & Grain Co. held Apr. 10, a reorganization took place and Mr. Jacob Schreiner was elected pres. and Geo. W. Hill, sec'y. It is expected that the business will be carried on in the same careful policy as heretofore.

During the past 30 days the weighing department of the Merchants Exchange made the following report: Out of 3,611

cars unloaded under their supervision, 173 cars were leaking at grain doors; 60 leaking over grain doors; 76 leaking at boxes; 474 were not sealed; 200 had end doors not sealed; 56 had end doors open. This is almost one-third of the cars weighed under supervision of the Merchants Exchange, and does not include hundreds of cars unloaded in private eltrs., when private and state weights are furnished. This report only goes to show shippers are not as careful as they should be in seeing that cars are well coopered when being loaded.—S. L.

MONTANA.

Moore, Mont.—H. M. Wells, of Chicago, will erect a grain warehouse here. The Farmers Eltr. Co. will erect an eltr.

Lewiston, Mont.—The Western Lumber & Grain Co., incorporated, capital stock \$100,000; incorporators J. F. Phelan and others.

NEBRASKA.

Cozad, Neb.—The Cozad Roller Mill is having its eltr. and feed grinding department remodeled.

Lindsay, Neb.—The eltr. of Nye Schneider Fowler Co. which was burned Apr. 4 will be rebuilt.

Johnson, Neb.—George Coryell has bot the eltr. here of the Updike Grain Co. for \$6,000. He will take possession at once.

Omaha, Neb.—One of the large glass government weather maps has been installed on the floor of the Omaha Grain Exchange.

Richland, Neb.—Reish Bros. will build a new driveway to their eltr. and make other improvements.—C. B. Nance, agt. T. B. Hord Grain Co.

Denton, Neb.—The eltr. of H. O. Barber & Son was slightly damaged by fire Apr. 6. Sparks from a passing engine burned a hole in the roof.

Lincoln, Neb.—At the request of Senator Sibley, the state railroad commission has postponed hearing of his complaint against the grain rates of the Burlington road, from Apr. 20 to Apr. 28.

Bradshaw, Neb.—The Central Granaries Co. has bot the eltr. of the Jaques Grain Co. The new firm has taken possession. C. E. Trump, the present manager, will continue with the new firm.

Ashton, Neb.—The Farmers Co-operative Grain & Supply Co., which was recently incorporated, has bot and will soon take possession of the eltr. of the Jaques Grain Co.—W. H. Cramer, St. Paul.

Lincoln, Neb.—The federal court at St. Louis, Mo., on Apr. 17 refused an injunction asked by the Burlington road to restrain the Nebraska Railroad Commissioners from fixing the rates on grain in carload lots.

Omaha, Neb.—We are indebted to E. J. McVann, Sec'y, for a copy of the fourth annual report of the Omaha Grain Exchange, for 1907, giving briefly the statistics of grain inspected in and out, the prices of grains at Omaha and the names of the members of the Exchange.

Lincoln, Neb.—The Missouri Pacific has given notice to the state railroad commission that shippers will be given rates on corn and wheat thru Nebraska City to St. Louis equal to the local rates thru that city, and that it will not compel shipments by way of Omaha at a higher rate.

Omaha, Neb.—The National Corn Exposition will be promoted by the trade excursion of the Omaha Commercial Club in western Nebras-

ka, Wyoming and Colorado. Special premium lists are to be arranged for those farmers who produce grain in the dry farming districts.

Turlington Sta., Syracuse P. O., Neb.—The eltr. of the Duff Grain Co., was burned Apr. 15. Mr. Gourmand, the agent, discovered fire in the cribs, and as it had gained such headway, nothing could be done. Besides the eltr. the office, cribs and some box cars on the track were burned. Loss is covered by insurance.

Danbury, Neb.—The Beaver Valley Grain Co., of which G. F. Godown is sec'y, has written Sec'y of State Junkin complaining that the operators of the other two eltrs. here, the Central Granaries Co., and the Duff Grain Co., are paying several cents more for grain than they pay at McCook. Mr. Godown's inquiry whether there is any law to stop this competition has been referred to Atty.-Gen. Thompson.

Lincoln, Neb.—The C., B. & Q. R. R. has received permission from the state railroad commission to put in milling in transit rates on grain to Missouri River points north of St. Joseph, and between the following stations: Salem to Tecumseh, via Nebraska City; Salem to Curtis, via Tecumseh; Beatrice and Holdredge; Table Rock to Wray, Colo., including Oberlin and St. Francis branch, to be milled in transit at Falls City.

NEW ENGLAND.

Lynn, Mass.—Two safes in the grain store of Youland & McManus were dynamited Apr. 20, by burglars, who escaped with \$1,600 to \$1,800 in cash.

Boston, Mass.—A. B. McCrillis & Son Co., incorporated, capital stock \$5,000; incorporators Aaron P. McCrillis, Providence, R. I. and William O. Rogers, Boston.

NEW YORK.

Eaton, N. Y.—The Buckwheat Milling Co. has started the erection of a new eltr. Wm. Earle has charge of the work.

New York, N. Y.—J. A. Patten, of Chicago, and Paul Hirsch of this city have applied for membership in the Produce Exchange.

Albany, N. Y.—The Cassidy anti-bucketchop bill passed the senate Apr. 22 by a vote of 30 to 2 and next day passed the assembly. It is to go into effect Sept. 1.

Buffalo, N. Y.—The Corn Exchange has appointed a committee to protest against the new rates effective May 1, making an advance of 1/2-cent on grain from this city and none from competing points.

Hornell, N. Y.—Arthur C. King Co., incorporated, capital stock \$10,000; incorporators, Arthur G. King, Ethel H. King, M. A. Glazier and H. S. Pettibone. The company will do a commission business in grain, hay and produce.

Troy, N. Y.—David Norton Ice Co., incorporated, capital stock \$20,000; incorporators, David Norton and Mary Norton, of Colonie, N. Y., Henry E. Clinton and Thomas F. Powers of this place. The company will deal in grain, hay and ice.

Buffalo, N. Y.—The Corn Exchange has re-elected its old directors, except H. F. Shuttleworth, who refused to serve. F. F. Henry succeeded him. Officers for the ensuing year are: Pres., Henry D. Waters; vice-pres., S. M. Ratcliffe; treas., T. J. Stofer, and sec'y, Fred E. Pond.

The directors are, S. W. Yantis, S. M. Ratcliffe, T. J. Stoffer, Charles Kennedy, R. E. Pratt, H. T. Burns, L. S. Churchill, Henry D. Waters and F. F. Henry.

Waverly, N. Y.—Arthur C. Palmer, manager of the Buffalo office of the Oneonta Milling Co. has resigned. He will start May 1 as manager of the Tioga Grain & Eltr. Co. at this place, a new concern.

Buffalo, N. Y.—Whitney & Gibson, incorporated, capital stock \$15,000; incorporators, Henry V. Backus, Rochester; Bertha T. Corliss, Tonawanda, and Edmund Thomas of this place. The company will deal in real estate, grain and cereals.

Buffalo, N. Y.—There will be a delegation from the Corn Exchange at Buffalo at the annual meeting of the Illinois Grain Dealers Ass'n to be held at Springfield, and the members of this delegation will be very glad to meet any members of the Illinois Grain Dealers Ass'n and discuss matters affecting either the individual members of the Ass'n or the Ass'n itself with reference to their transactions affecting shipments of grain between them and the Buffalo receivers.—F. E. Pond, Sec'y Corn Exchange.

Buffalo, N. Y.—The Burns-Yantis Grain Co. starts out under auspicious circumstances. H. T. Burns, B. J. Burns and S. W. Yantis who compose the firm have each had about twenty years experience in the grain business, previous to their conjunction with each other. A Chicago office has been opened where Mr. Yantis and B. J. Burns will take care of western trade. The steel eltr. has been purchased at Hammond, Ind., which has a storage capacity of 500,000 bus. and a handling capacity of 75 cars per day, has been overhauled from top to bottom and is in fine shape. The eltr. is located on the Indiana Harbor Belt Road and its location at Hammond will enable the company to avoid congestion and at the same time give them all the advantages of being in a large market. Special attention will be given at the eltr. to sacking grain and mill feed. All over the east there is a growing demand for sacked grain and recognizing this the company has installed improved automatic sacking machinery.

BUFFALO LETTER.

There is talk of more milling capacity being put up here this season, but it is not matured yet.

Very little durum or Kansas wheat is in store here now, for the reason that they have grown in popularity of late till they bring as much as our better-known wheats and are not needed.

All wheat in winter storage fleet has now been elevated and of late there has been no damage from water. The East took the grain more readily than usual, so there was no forcing it into eltrs.

It appears that there has been no agreement made this year with the scoopers who, thru the eltr. housemen, some time ago, signified that more wages was wanted. A strike would be very foolish now.

Hot corn coming in by rail and complaint is so general that both dealers and inspectors are feeling uneasy. Dealers will get loads that were shipped as dried or perfectly cool, but which come in here smoking.

The published rates of the eltr. pool are the same as for several years past, a half cent a bushel and ten days storage and a quarter cent for each succeeding ten days storage. All accrued elevating

and storage must be paid by Apr. 15 or an additional half cent will be charged.

The eltr. owners are expressing confidence of a good season, as a taking summer storage rate has been made and there ought to be grain enough coming here to fill the eltrs. very well, as this is a better storage point than any one on the coast and is within a day of the coast.

Still the old complaint of poor business in grain, mostly on account of the high prices, which everybody knows will come down pretty soon if the crop outlook is good. Nothing sells well. Wheat is largely in millers' hands and the grade of corn and oats is not good enough, especially of oats.

The all-rail lines are cutting in on the lake trade everywhere and they will be especially active in that direction this season, as they have plenty of cars. Some of the grain dealers are bringing down frosted wheat all the way from Manitoba, paying the duty on it and selling it for about 85 cents for chicken feed.

The state winter wheat crop is reported in good condition and if it matures a full crop it will go a long way towards making the state millers independent of the western crop, which usually sells for enough more than the home crop to make a good margin here. Buffalo does not handle much State wheat, as the up-state millers get the first chance at it.

The formation of the season's eltr. pool was effected without quite the usual amount of friction and delay, tho the effort to get the Kellogg houses in has not succeeded. If the roads refuse to handle grain from those houses, as the New York Central has done, there may be good reason for the matter to be patched up by bringing the Kelloggs into the pool.

The suit of the owners of the Ontario Eltr., which fell into the slip on Oct. 30, 1904, against the insurance, was closed very suddenly by being thrown out of court after several days of trial. The local papers gave out that the plaintiffs were non-suited because they had no case, but the facts are quite different from that. A non-suit was ordered, but the judge really found for the plaintiffs by deciding that the eltr. fell from an explosion caused by fire, which was all that the plaintiffs claimed. The non-suit was on account of a technicality, the policies claiming to be void in case of an explosion. Judge Pond was willing to let the case go to the jury and direct the award of nominal damages, but the owners preferred a non-suit on which to appeal the case, and it was so ordered. The eltr. owners will now ask the higher courts if the explosion clause is binding when the explosion has been the result of a fire and they are confident of winning. This decision is very pleasing to the eltr. pool, which was beaten by the owners of the grain in a suit to recover on the Bs/L, for if the loss was from fire there is no liability on the part of the pool, any more than on the owners of the eltr.—J. C.

NORTH DAKOTA.

Embsden, N. D.—Robert Lewis will be agent for the Farmers Eltr. Co.

Barney, N. D.—The Farmers Eltr. Co. has bot the eltr. of P. A. McGregor.

Forest River, N. D.—J. H. Warren has taken charge of the eltr. of the Northland Eltr. Co.

Edgeley, N. D.—The new eltr. of the Lyon Eltr. Co. is completed. John McPhee is agent.

Emmet, N. D.—The American Society

Pure Owl Brand Cottonseed Meal

41 per cent Protein Guaranteed
Analysis Registered

Richest Cattle Food yet known.
Write for our booklet and prices.

F.W. Brode & Co., Memphis, Tenn.
Established 1875



Cover's Dust Protector

Rubber Protector \$2.00
Sent postpaid on receipt of price; or on trial to responsible parties. Has automatic valve and fine sponge.

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Exterminated in One Night.

Our Preparation is Unequaled.

We Positively Guarantee to exterminate Rats on your premises in 24 hours. With our preparation they are destroyed, embalmed, and dry up, leaving no disagreeable smell or odor.

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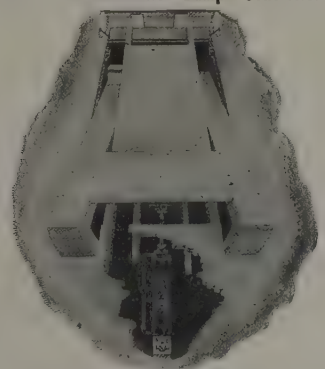
Large or small contracts solicited.

FELIX GIRARD CO.

PHONE, CENTRAL 6457

79 Dearborn Street, Dept. M, Chicago.

Reliance Automatic Dump Controller



Here is What Users Think of It:

Fowler, Ind., July 6, 1907.
Reliance Construction Co., Indianapolis, Ind.
Gentlemen: Inclosed find check for amount of invoice in payment for three Dump Controllers which we have tried and find they do the work fine. No trouble whatever to control any load we may have to dump.
Yours truly,

WILBER HAWKINS, Per Finley.

Yorkville, Ill., July 19, 1907
Reliance Construction Co., Indianapolis, Ind.
Gentlemen: Enclosed please find Chicago exchange for Dump Controller you shipped us June 4th. Ship us another Dump Controller as soon as possible.
Yours truly, JETER & BOSTON.

We know it will be satisfactory. Will ship on trial. RELIANCE CONSTRUCTION CO., 626 Board of Trade Bldg., Indianapolis, Ind.

of Equity is considering building a farmers eltr. here.

Fargo, N. D.—New grain barns will be erected at the agriculture college, to cost \$10,000. The contract will be let soon.

Kermitt, N. D.—The Farmers Eltr. Co. has been organized. Grant Case, pres.; B. A. Langlie, sec'y, and W. E. Vadnais, treas.

Gronna, N. D.—The eltr. of the National Eltr. Co. was burned Apr. 13, at 2:30 a. m. The cause of the fire is not known.—L. C. Strauss.

Mooreton, N. D.—The Farmers Eltr. Co., incorporated, capital stock \$15,000; incorporators, Peter Thiel, Emil Johnson, John Nagel and others.

Deisem, N. D.—The Deisem Farmers Eltr. Co., incorporated, capital stock \$8,000; incorporators, S. C. Salisburg, F. E. Balch, Fritz Bork and others.

Kloten, N. D.—The farmers tributary to this place have organized an eltr. company, and will either buy one of the line houses or build.—G. D. Clarke.

Grandin, N. D.—The Grandin Farmers Eltr. Co., incorporated, capital stock \$50,000; incorporators, Joseph Sims, N. A. Colby, J. B. Akesson and others of Grandin.

Wolford, N. D.—The Wolford Farmers Eltr. Co., incorporated, capital stock \$20,000. J. A. Yoder, pres.; Ben Jacobson, vice pres.; J. H. McIntyre, treas.; and M. Breen, sec'y.

Pickert Sta., Blabon P. O., N. D.—The farmers have let the contract to Honstain Bros. for the erection of an eltr. with a capacity of 35,000 bus.—J. C. Walters, Agt. Amenla Eltr. Co.

Willow City, N. D.—The Farmers Eltr. Co., of Browns Valley, Minn., has bot the eltr. of the Sullivan Eltr. Co., formerly owned by the Stewart Eltr. Co. C. R. Schain is the new agt.

Hettinger, N. D.—Mr. Lahart, of Jamestown, N. D., is arranging to erect an eltr. at this place. He expects to erect eltrs. in towns along the Milwaukee line in North Dakota this summer.

Auburn, N. D.—The North Dakota Farmers Eltr. Co., incorporated, capital stock \$30,000; incorporators, John Donnelly, Grafton, N. D., Sever Tollack, Auburn, John McKibbin, St. Thomas, and others.

Upham, N. D.—J. F. Steiner, agt. for Hall & Steiner, and C. I. Freeman, agt. for the John D. Gruber Co. are being prosecuted by a farmer, E. E. Cornelius, under section 2251 of the statutes, requiring the return to the person storing of an equal amount and grade of grain. Both have had trouble with Cornelius before. He now alleges that they have appropriated 150 bus. of wheat. The agents state that he never has made a demand for the grain, and they are willing at any time to give him the grain or the money.

OHIO.

Santa Fe, O.—A. G. Boogher will build an eltr.

Waynesfield, O.—Elmer Sheets of Botkins, O., will erect an eltr.

Deshler, O.—The Southworth-Rice Grain Co. is talking of installing a drier.

Verona, O.—Wetz, Brown & Rowe have let the contract to John McKeon for the erection of a new eltr.

Batson, O.—We are building a 30,000-bu. crib to our eltr., and lining it with screening so as to hold small grain. This

will increase our storage capacity to 80,000 bus. J. M. Anderson is doing the work.—Brady Grain Co.

Findlay, O.—L. E. & W. Eltr. Co. is having the old Schlitz storage house remodeled. The company will use it for grain.

Plain City, O.—Irvin Martin has bot the interest of H. Hall in the eltr. of Hall & Strickland, the firm name is now Martin & Strickland.—M. & S.

Washington C. H., O.—C. E. Lloyd has bot a site and will erect an eltr. with a capacity of 20,000 bus., 96 ft. high. The eltr. will be supplemented with a drier.

Columbus, O.—The bill giving the state railroad commission power to fix rates and adjust claims of shippers has passed both houses of the Ohio legislature.

Marion, O.—The Ohio Milling & Eltr. Co. recently went into the hands of a receiver, Roscoe Oborn, and now L. J. Smith, mgr., has been reported short in his accounts.

Kirkwood, O.—The Adlard & Persinger Grain Co., incorporated, capital stock \$25,000; incorporators, C. N. Adlard, E. T. Adlard, W. H. Persinger, J. E. Wells and E. T. Custenborder.

Fayette, O.—Lewis A. Baker, a hay dealer at this place, has filed a petition in bankruptcy. Liabilities \$3,670.41, with no assets. He has been a heavy buyer and shipper of hay and grain.

Cincinnati, O.—The Consolidated Grain & Hay Co., incorporated, capital stock \$10,000; incorporators, Henry G. Good, Joseph B. Kelly, Henry G. Hauck, Charles D. Dusenberry and Mabel Good.

Findlay, O.—Friends of Thomas C. Linger, mgr. of the Ohio Hay & Grain Co., have just learned of his marriage in August last year to Miss Alice Peters, who had been employed as stenographer in his office.

Deunquat, O.—John Wren, who won a verdict for \$2,000 damages on account of alleged discrimination by the T. & O. C. R. R. in the distribution of cars has lost in the Supreme Court which recently reversed the decision of the lower court.

Plankton, O.—I have sold my eltr. and entire plant to Mesnard & Stuckey, and have taken possession. They will continue to handle grain for the Sneath-Cunningham Co., of Tiffin, O., and all other goods the same as I have.—H. A. Myers, of Sycamore.

Van Wert, O.—I have changed my location from Ohio City to Van Wert, where I have formed a partnership with H. G. Pollock of Middle Point under the name Brandt & Pollock. We will track buy; also run several outside eltrs.—F. D. Brandt.

Columbus, O.—The Ohio Millers Ass'n at its recent annual meeting elected Robert Colton of Bellefontaine, pres.; C. A. Williams of Kent, vice pres.; and E. A. Linehart, Bellevue; G. M. Williams, Columbus; J. I. Smith, Circleville, and M. I. Fennell, of Osborne, executive committee.

Cincinnati, O.—The Odell concern probably no longer will be known in the grain, cotton and stock option trade, Thos. J. Cogan having been appointed receiver for the Odell Brokerage Co. The Odell concern was involved in litigation with the Chicago Board of Trade, with banks whose officers had gambled and lost, and others. Last year the founder.

Wm. Odell, died and his estate drew several hundred thousand dollars out of the assets, and the business has been narrowed down to proportions very small compared with the volume of receipts when 300 branch offices were operated some years ago.

Catawba, Catawba Station P. O., O.—Thieves broke into the eltr. office of Willis Hodge, Apr. 17, and tried to walk off with the contents of the safe, but they failed in this, as they were unable to open it, and their effort in knocking off the combination was also unsuccessful.

Toledo, O.—C. W. Barnes, pres. and treas., of the Barnes Grain & Commission Co., of this city, had the misfortune to lose an arm by falling from a train at Fostoria, Apr. 7. The arm was amputated between the elbow and shoulder. He is about forty years of age and has a wife and one child. It is thot that he will be able to leave the hospital in a short time.

Van Wert, O.—The complaint of the Pierce Grain & Hay Co. against the Cincinnati Northern and Pennsylvania roads was dismissed by the Ohio Railroad Commission Apr. 17. The company had run a spout from its warehouse across the street to deliver grain to cars, and claimed that it was entitled to have its cars switched thereto, under the law providing that when a warehouse is contiguous to the tracks of a railroad company so that cars can be loaded and unloaded from and to the warehouse, companies shall switch cars of their own and other lines to the track. Refusal of the companies to switch cars formed the basis of the complaint.

Toledo, O.—The Produce Exchange on Apr. 23 adopted the following amendment to its rules: It shall be obligatory upon every member doing business on this exchange to have all grain and clover seed consigned to or received by them, officially inspected into regular and irregular eltrs. and warehouses in Toledo, and it shall also be obligatory to have all grain and clover seed officially inspected out, whether thru billed or local billed, unless the same is sold by sample or by some other term, name or grade than the regular grade or grades established and published by this exchange. The regular fee established by the Board of Directors for inspection and weighing of grain and seeds shall be charged to the shipper on each account sales.

Toledo, O.—For several weeks the millers to the south and southeast, mostly in West Virginia and western Pennsylvania have been drawing large stores of wheat from this market, with the result that the available supply here has been cut down to less than 350,000 bus., and this is fast dwindling away. At the same rate it will be but a matter of a few days more until there will be no more wheat here except what is in the hands of the local millers and destined for home consumption. The farmers are simply refusing to sell and the scattered millers can take their choice between paying fancy premiums or going into the large trade centers for supplies. Some oats are being handled, most of those shipped out going to the New England states, where there has been a shortage and where the demand for the Ohio product has been unsatisfied.—S.

Piqua, O.—The meeting of Ohio and Indiana shippers to consider the adjustment of freight rates out of Chicago will be held at the Piqua Club, this city, May 1, with headquarters at the Plaza hotel.

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Ass'n we defy him to hold out against Mr. Courcier when he has his coat off and a sweat on his brow.

Pres. Southworth is a hummer. He has been in the grain business 35 years and is the only president of the Exchange who was ever honored by being elected twice at other than succeeding intervals. During his grain career which has been entirely in Toledo he was connected with the firm of C. A. King & Co., R. Hallaran & Co. and Southworth & Paddock. For the last 30 years he has been in business for himself. Mr. Southworth said: "When I started in the grain business there were no railroad combinations. Grain from Chicago routed by the L. S. & M. S. R. R. had to be transferred to the Cleveland & Toledo from Cleveland; from Buffalo to N. Y. Central, and other lines which were all independent. We had to pay local rates on the grain which made the price very high. Now the roads have combined and all this has been changed. I have seen grain rates as high as 65c per cwt. from Chicago to N. Y. and as low as 10c. In those olden days we handled consignments almost entirely. Today there is very little consigning but practically all we do is a "thru" business. The "thru" business now is very much larger than the consignment business was formerly."

OKLAHOMA

Wynnewood, Okla.—J. A. Rollow has joined the Texas Grain Dealers Ass'n.

Kaw City, Okla.—W. T. Conklin has bot the mill and eltr. of the Kaw City Mill & Eltr. Co.

Carnegie, Okla.—The Miller Grain Co. will improve its eltr. by putting in larger machinery.—C. M. Greenlee, mgr.

Waynoka, Okla.—We have leased our eltr. to S. M. Owen, of Medicine Lodge, Kan.—Waynoka Grain & Coal Co.

Tyrone, Okla.—The Liberal Eltr. Co., of Liberal, Kan., will build eltrs., at this place, Hooker, Guymon and Texhoma.

Tonkawa, Okla.—I have bot the interest of the Cassity & Feuguay Grain Co. corporation and will operate it in the future.—G. M. Cassity.

Fargo, Okla.—Ware, Norman & Ware are putting in an eltr. to handle their grain, and a chop mill. They have bot new machinery of C. A. Lowe.

Chickasha, Okla.—We have closed our business at this place, and I am moving to the Pan Handle of Texas.—L. G. Ocheltree, of the Ocheltree Grain Co.

Wainright, Okla.—None of the members of this company being located at Wainright our address is changed to Muskogee, Okla.—Wainright Grain & Eltr. Co.

Minco, Okla.—The Yukon Mill & Grain Co., of Yukon, has let the contract for remodeling its eltr. at this place. The company will install a new engine and other machinery.

Oklahoma City, Okla.—The McDougal Grain Co., incorporated, capital stock \$30,000; incorporators, A. L. McDougal and G. A. White, of Chicago, and A. J. McMahon, of this city.

Muskogee, Okla.—J. M. Hughes has been appointed official state grain inspector and weigher for Muskogee, Okla. His associates as an arbitration committee are C. J. Woolover, H. Waldo and G. W. Duncan.—Waldo & Co.

Guthrie, Okla.—Senator R. E. Stafford has introduced Senate Bill No. 229 in the Oklahoma legislature requiring railroads to issue Bs/L stating the true

weight of coal, and prescribing the manner of weighing coal at destination. The bill makes the road liable for the difference in weights at point of shipment and at destination in the event of loss in transit.

Sayre, Okla.—E. E. Klein and C. D. Heinrich, of Oklahoma City, have bot the property of the Sayre Mill & Eltr. Co. The new firm will be known as the Sayre Milling Co. The company will improve the plant; and an eltr. with a capacity of 50,000 bus. will be erected; the power will be doubled. Messrs. Klein and Heinrichs have been recently connected with the Acme Milling Co. at Oklahoma City.

OREGON.

Pendleton, Ore.—An instruction train will be run thru Umatilla County by the O., R. & N. Co. in May with a view to doing away with summer fallow and introducing methods of soil treatment. Professors from the Washington State College will lecture.

Portland, Ore.—It is estimated that the grain shipments of Oregon, Washington and Idaho during the past season have amounted to 42,000,000 bus., on a crop amounting to 80,000,000 bus., leaving 15,000,000 bus. on hand. Shipments of wheat were 37,700,000 bus.; of barley 3,800,000 bus. About 500,000 bus. of oats were shipped east by rail.

Portland, Ore.—The threatened strike of the grain handlers for 5 cents on overtime has been averted by the grain exporters agreeing to the proposal of the men for 35 cents an hour for straight time and 50 cents for overtime, 9 hours to constitute a day's work. Last year the scale was 40 cents an hour and 60 cents for overtime, and the exporters desired a reduction to 30 and 45 cents, part of which they gained.

Pendleton, Ore.—The Supreme Court of Oregon on Mar. 17 reversed the decision of the circuit court of Wheeler County in the suit by E. L. Smith against the Interior Warehouse Co. to reform two contracts for the sale of 37,500 sacks of wheat. Smith alleged the understanding was defendant would accept wheat stored at other warehouses and that by mistake the writing specified that the wheat was to be delivered at the warehouses of the Interior Co. on the Washington & Columbia River Railroad. The Supreme Court decided it was the intention of the parties to the agreement that the defendant was to receive on the purchase wheat that was then in store at other warehouses.

Portland, Ore.—The opening of the reorganized Portland Board of Trade on Apr. 6 was a success in every particular. Two sessions are held daily, one for the grain dealers and millers at 11 o'clock and one at noon for the produce interests. The entire local grain trade was represented at the opening session. Transactions are in cash grain at the sample tables; and facilities for trade in futures will be provided when demanded. The grain standards committee of the Chamber of Commerce, which is working harmoniously with the Board of Trade, has recently re-elected Peter Kerr chairman and Alex McAyeal, sec'y. Other members of the committee are W. J. Burns, T. B. Wilcox, R. Kennedy, C. E. Curry and Henry Lawshe.

PENNSYLVANIA.

North Wales, Pa.—E. K. Freed, for 50 years in the grain and milling business, has retired.

Verona, Pa.—Chas. Lehner, who has been engaged in the feed and grain business at this place for the past 25 years, died at his home at the age of 73 years. He was born in Switzerland and came to this country in 1870. While in the land of his birth he was engaged in the milling business. Owing to his advanced age his son, Joseph, looked after the business.

PHILADELPHIA LETTER.

The fifth-fourth annual of the Commercial Exchange will soon be ready for distribution.

Sec'y Marshall, who is quite an antiquarian and book worm, is busy during spare hours rejuvenating the Commercial library in his office.

Owen O'Brien, aged 70 years, an old time member of the Commercial Exchange, with a grain and feed business at 908 Jefferson street, died recently.

Thomas Jefferson Butler, retired merchant, for a number of years in charge of the West End gate of the Bourse, but recently on the infirm list, died at his residence recently, aged 81 years.

The renowned Back Bone Club has been re-organized and a planked shad dinner and baseball game will be the features at Old Orchard, Essington, on Tuesday, May 5. All the grain, flour, feed and hay men are going.

Russell Maxwell Wagar, the junior member of C. W. Wagar & Co., was married April 21 at the Princeton Presbyterian church, West Philadelphia, to Miss M. Edna Crair. The Commercial Exchange was well represented by gifts and guests.

William C. Wilkinson, grain broker, while on a visit to his mother who owns and occupies the farm adjoining the Mt. Vernon place, Virginia, was taken seriously ill with kidney and dropsical complications, and is confined to the Norfolk hospital.

The general tenor of the talk among the grain, flour, feed and hay men here is that at present it is much easier to secure goods from all points than it is to satisfactorily dispose of them, tho on all sides the wish and expectation is that trade will steadily improve.

Former Pres. James L. King of the Commercial Exchange predicts that the McCumber grain inspection bill will never see daylight in the House of Representatives; to which Ex-Pres. John O. Foering of the Chief Grain Inspectors National Ass'n says amen, with the qualification unless it is amended so as to let the grain exchanges have the naming or approval of the grain inspection force.—S. R. E.

SOUTH DAKOTA.

Corsica, S. D.—Art Reetz will build an eltr.

Afton, S. D.—Denhart & Alguire are erecting an eltr.

Mitchell, S. D.—The Farmers Eltr. Co. has let the contract for the erection of an eltr. to L. Buege.

Hayti Sta., Castletown P. O., S. D.—Schultz & Son have let the contract to L. O. Hickok for the erection of a 30,000-bu. eltr.

Ethan, S. D.—The Farmers Eltr. Co. has let the contract to L. Buege for the erection of its eltr. It will have a capacity of 30,000 bus.

Columbia, S. D.—The Columbia Farmers Eltr. Co. is contemplating the erection of an eltr.—H. H. Hoover, with G. W. Van Dusen & Co.

Artesian, S. D.—The farmers at this

place have organized another stock company, but the eltr. of F. N. Thiesen, and have taken possession.

Kaylor Sta., Scotland P. O., S. D.—The Farmers Eltr. Co., incorporated, capital stock \$8,000; incorporators, John Brandt, pres., and Andreas Baltzer, sec'y.

Bridgewater, S. D.—The Farmers Eltr. Co. at this place has bot the eltr. of the Shanard Eltr. Co. for \$6,000. Geo. H. Shanard has bot the eltr. of the Reliance Eltr. Co. for \$4,600.

Hayti Sta., Castlewood P. O., S. D.—The Farmers Eltr. Co. recently organized, has let the contract to Honstain Bros. for the erection of an eltr. with a capacity of 30,000 bus.

Broadland, S. D.—A prairie fire destroyed the eltrs. of the Atlas Eltr. Co., and G. W. Van Dusen & Co. at this place Apr. 14. The former company's loss was \$20,000; and that of the latter \$8,000. G. W. Van Dusen & Co. will rebuild.

Sioux Falls, S. D.—The offices of W. H. Dickenson & Co. have been consolidated with those of the M. T. Shepherdson Co. under the management of J. B. Coombe and with direct wires to both Minneapolis and Chicago. The business of both will be conducted under the name of the Shepherdson Co., correspondents of Dickenson & Co.

SOUTHEAST.

Jackson, Miss.—Tho the Boddie anti-bucket shop bill does not go into effect until June 1 many of the concerns engaged in the business are already quitting.

Columbus, Ga.—Louis Redd, a grain and provision broker, jumped from a third story window at a hotel Apr. 15 and died half an hour later. Bad health was the cause.

TENNESSEE.

Nashville, Tenn.—The Grain Exchange held its annual banquet Apr. 21 at the Maxwell house.

Shelbyville, Tenn.—The Dixie Grain Co. will increase the capacity of its eltr. thru the addition of new machinery which has been ordered.

Nashville, Tenn.—The Kendrick-Roan Grain Co. has bot the grain eltr. and warehouse operated by the Hughes Warehouse & Eltr. Co. The price paid was about \$50,000. The property will be turned over to the new owners about July or August, when the company will look for a new site on which to erect an eltr.

Nashville, Tenn.—We notice in your issue of 10th under head of "Our Nashville Letter" an article we think misleading and unjust to the Nashville Grain Brokers. The article reads as follows: "There are three classes of traders in this market. The broker, who represents some firm in the West, the dealer in carlots of grain and the wholesale retailer. The broker sells to the latter. The buyer of car lot grain purchases grain mostly at terminal markets. Very seldom is a car of grain consigned to Nashville, etc." Of course we are brokers and you would think we would see things the other way, on that account but if you will investigate the Nashville market also the Western shippers you will find that brokers sell 90% of the grain and hay sold on the Nashville market, and you will also find that there is quite a good percent of grain and hay consigned to this market, however there are few who solicit consign-

ments. We have six active grain brokers here who are all making a living, so if your writer's articles is true there must be a big retail trade in Nashville.—Geo. W. Hill & Co.

TEXAS.

Tom Bean, Tex.—The Tom Bean Grain Co. has joined the Texas Grain Dealers Ass'n.

Hillsboro, Tex.—E. B. Guthrie has discontinued the grain business and removed to Dallas.

Galveston, Tex.—The Santa Fe Eltr. Co. will close its business here May 1.—R. McC. Wilhite, superintendent.

McKinney, Tex.—Hill & Webb is a new firm formed by the consolidation of the business of Ben Hill and Webb & Co.

Waco, Tex.—Earl & Clements have ordered the machinery for their new receiving house from the P. H. Pelkey Construction Co.

Wichita Falls, Tex.—The J. C. Hunt Grain Co. has let the contract to the P. H. Pelkey Construction Co. for the erection of a 35,000-bu. eltr.

E. R. Kolp of Ft. Worth, B. E. Clement of Waco and E. W. Rollo of Van Alstyne have been appointed a committee on revised rules to report at the annual meeting of the Texas Grain Dealers Ass'n.

San Antonio, Tex.—I have discontinued the handling of grain for the present at least. Conditions for the past two years have been such that there is little profit in the handling of grain in this section.—Roy Campbell.

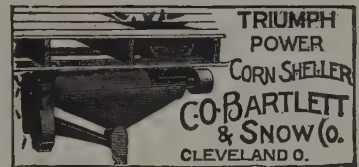
Houston, Tex.—The Mercantile grain elevator burned Apr. 26. During the fire a fireman lost his life by crawling into a window of the building just before an upper floor gave way, precipitating 200 bags of grain upon him.

Bryan, Tex.—John Vick has bot the stock of the Wilson Grain Co.'s feed store. Mr. Vick recently established a milling plant for grinding chops, other feed stuffs and high grade corn meal. He will operate the two together.

Austin, Tex.—The State Railroad Commission has taken under advisement the proposed reduction in the rate on cornmeal. The reduction to 17½¢ was supported by Sec'y H. B. Dorsey of the Texas Grain Dealers Ass'n; but any changes were opposed by C. P. Shearn of Houston and Mr. Pawkett of the Ft. Worth Freight Bureau.

Vernon, Tex.—I have sold my interest in the grain business here to the Texas-Oklahoma Grain Co., who will continue the business and remodel their eltr. at Vernon and erect a new house at Davidson, Okla., where the company has a corn eltr. and warehouse. They will buy cleaning machinery, belting, boots, cups, automatic scale, 8x22 wagon scale of 8-ton capacity, dump, shafting and spiral conveyor.—H. K. Greever, mgr.

The Supreme Court has decided that insurance companies must pay a tax on gross premiums without any deductions, not even for return premiums or reinsurance. The Commissioner Love has ruled that he will permit the deduction of cancellations in full; i. e., policies returned under which no earned premiums have been collected. There can be no doubt but that the court has interpreted the law correctly, but there is, also, no doubt that the law is most unjust and that in the end the citizens will be sufferers. There is some talk about the commis-



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The Gallatin Valley is the flour milling center of the State, and the best cash market in the Northwest for all products of the farm. Area of valley 1,250,000 acres, of which 400,000 acres are under cultivation at present.

Yields per acre for the different grains are: Wheat 30 to 65 bu.; Oats 60 to 100 bu. of 40 pounds; Barley 45 to 75 bu.; Timothy and clover hay 3 to 5 tons; Alfalfa hay 3 to 7 tons. Potatoes 200 to 400 bu.; Sugar beets 15 to 20 tons. Vegetables and small fruit unexcelled in yield and quality.

Bozeman, the county seat, population 8,000, offers unexcelled educational advantages. Here are three public schools, a county free high school, a commercial school, and the Montana College of Agriculture and Mechanic Arts, a federal institution. These schools enroll all upwards of 2000 pupils. The latter school offers superb courses in anything desired from agriculture to full university course.

A standard gauge electric railway having its terminal at Bozeman and running out through the valley is in course of construction. This road will handle freight and all kinds of traffic and will deliver it to either of the transcontinental lines above named.

We want 5000 industrious homeseekers, and their families, to rent or buy lands and to assist in developing the agricultural resources of this great valley. We have lands of finest quality for sale or rental.

For further information address

H. S. BUELL
BOZEMAN, MONTANA

sioner suing for back taxes.—*Insurance Monitor.*

ANNUAL MEETING TEXAS DEALERS.

At a meeting of the sub-com'te of the Executive Board of the Texas Grain Dealers Ass'n held Apr. 16 it was decided to hold the annual meeting of the Ass'n in Ft. Worth, Thursday and Friday, May 21 and 22.

Among the subjects selected on which to have papers prepared and then discussed by the entire membership present are the following very live and important topics:

"What action should the Texas Grain Dealers Association take to overcome the excessive charges made by withdrawing sale of coupons by Telephone Companies, under the guise of fear of the anti-pass law?"

"How can our National Banking and State Law be amended to provide more protection to shippers in handling drafts with bills of lading attached?"

"What can our Association do to secure the necessary appropriation by our State Legislature to protect the small grain interest of Texas against the disastrous ravages of the green bug?"

"Federal Inspection as proposed by the McCumber Bill pending before Congress; what would be the advantages or disadvantages to the grain interest of the country?"

"Origination weights versus destination weights."

"Our Trade Rules; should they be revised or changed, if so, in what particular?"

Papers are to be prepared and read on these topics by able men and then be open for general discussion.

H. B. Dorsey, Secy.

WASHINGTON.

Vancouver, Wash.—H. E. Edwards has bot a site, and will erect a mill to cost \$35,000. All arrangements have been made with the railroad company for sidings to be built.

Walla Walla, Wash.—Grain bags will be sold this season by the state prison at \$7.20 f. o. b.; against \$9.60 last year. Orders are being received, accompanied with 10 per cent of the purchase price.

Olympia, Wash.—A hearing on the grain rate reduction will be held May 11 by the state railroad commission at Riverville. Rates over the Northern Pacific and Great Northern from eastern Washington to Puget Sound are involved.

Spokane, Wash.—J. K. Smith, manager of the Spokane Grain & Milling Co., met with an automobile accident Apr. 14, breaking both legs, and is in a serious condition. It is reported that it may be necessary to amputate one of his limbs.

Washtucna, Wash.—The Pacific Coast Eltr. Co. has paid T. B. Chambers \$675 in settlement for an injury sustained by him while employed in the company's warehouse. He was crushed under a pile of sacks and has suffered cancer of the liver.

Pullman, Wash.—Very low prices were made on grain bags to capture the contract for 200,000 sacks let by the Farmers Union recently. The wheat bags will be furnished by Kerr, Gifford & Co., of Portland at \$69 per thousand and the oat sacks by Ames, Harris & Neville of Portland at \$63.60 per thousand. Last year sacks sold at 10 to 11 cents each.

Walla Walla, Wash.—The Farmers Educational & Co-operative Union by unanimous vote broke off all negotiations

recently for the purchase of various warehouses in the county, and decided to build and operate private houses at ten different points. Storage stations will be built at Hadley Sta., Valley Grove Sta., Stanfield Sta., Dry Creek Sta., Osborne Sta., all of Walla Walla P. O., Teal Station, no p. o., Ennis Sta., Prescott P. O., State Line, no p. o., Pleasantview Sta., Clyde P. O., and Waterloo.

WISCONSIN.

Oakfield, Wis.—Peter Ecklund has the contract for the erection of an eltr. here.

Redgranite, Wis.—J. P. Piechowski will build a mill and eltr. this summer, 30x40 ft.

Embarras, Wis.—The Northern Grain Co. may build an eltr. here this summer.

Jefferson, Wis.—The eltr. of Rudolph Heger was burned Apr. 9 at 8:30 a. m. Loss, \$6,000; insured.

Superior, Wis.—The United Grain Co., incorporated, capital stock \$350,000; incorporators, George E. Dietrich, H. W. Dietrich and Ethel Davis.

Rio, Wis.—The Rio Warehouse Co. will build at once a 150,000-bu. re-enforced concrete bean eltr. The storage will be composed of six tanks with a capacity of 25,000 bus. each. The eltr. will be equipped with the latest bean cleaning, scouring and picking machinery. The Seckner Co. drew the plans and will build the eltr.

MILWAUKEE LETTER.

Memberships in the C. of C. are in good demand at \$200.

The Daisy Roller Mills, incorporated; capital stock \$100,000; to do a general grain and feed business.

Application for membership in the C. of C. has been made by the following: M. N. Altenhofen; Edw. J. McClintock; Zar D. Scott; H. E. Betcher and H. J. Hollister.

Finding their present quarters were becoming too small for their needs, W. M. Bell & Co. have removed to more commodious offices at 200 Chamber of Commerce.

Barley has been active and firm lately for the low grade qualities, with a good demand. Receipts are light and expect they will continue so for some time.—C. F. Glavin.

The Northern Grain Co., with headquarters at Manitowoc, has closed its Milwaukee office. W. E. Mereness, formerly in charge of its office, is now associated with C. F. Glavin.

With the opening of navigation close at hand the loading of boats is being briskly attended to. No less than six are ready to swing their noses to the straits when the final word is given.

The market for flaxseed here will be considerably improved by the recent completion of the new flax mill of W. Goodrich & Co., which has a capacity of 100,000 bus. and is modernly equipped.

At the annual meeting of the C. of C. clearing house ass'n, Wallace M. Bell was re-elected pres. and A. Valentine manager. With the exception of the election of E. G. Hadden as a director, the same officers will again direct its affairs.

While the number of "fish" stories floating around the Chamber has been at a minimum, all records are expected to be smashed and hurled sky-high with the formation of a trout hatchery, and the "fish stories" will be hatched by John Buerger, J. F. B. Buerger and Chas. F.

Coughlin, who are given as the incorporators of the scheme.

Adverse resolutions were adopted by the legislative committee of the Merchants & Manufacturers' Ass'n, against the Aldrich currency bill, and a telegram to this effect was sent to the chairman of the House Committee on banking and currency, recently.

The demand for all kinds of grain to eastern and northern territory is very light. Chicago has been underselling this market on corn at most eastern points the entire season. The large volume of oats which have been sent east has been selling 1 to 2c under western values. We look for a change in conditions in the near future.—Lyman Grain Co.

It is a well established fact that Chas. R. Lull has been imposed upon more or less, on account of his jovial disposition, but one imposer went too far in trying to carry away Mr. Lull's personal effects from his house while the family was in California. Thos. Kelly was the unfortunate's name, who will have three years in which to reform his joking ways.

The effect of what prohibition has already been enforced in different states is assuming proportions of large magnitude—much more than was first imagined. In addition to the effect felt by the grain trade, come reports of the result of the movement from several different branches of labor, touching the woodworkers, glass blowers and even the cigar line.

When the engine pulls out of Milwaukee beginning the annual trip of the Merchants & Mfrs. Ass'n, several grain firms will be among the party. Already B. G. Ellsworth, of L. Bartlett & Son Co., C. F. Glavin, Wallace M. Bell and E. P. Bacon have announced their intention of making the trip, which extends through the southern part of Minnesota and into South Dakota.

During the coming year grain inspection and weighing will be supervised by I. J. Crandall, A. K. Taylor, J. M. Riels, Jr., J. J. Brooks and D. G. Owen; applications for membership will be passed upon by S. W. Tallmadge, P. C. Kamm, F. L. Farrell, C. F. Glavin and Jas. B. Leedom and the Call Board will be composed of W. M. Bell, E. J. Furlong, Hiram A. Smith, L. R. Fyfe and Jas. T. Mallon.

The annual report of the Board of Directors shows a total income during the year from all sources of \$38,646.04. The total disbursements during the year amounted to \$35,828.27, which, with the balance on hand at the beginning of the fiscal year, leaves a balance on hand of \$16,197.77; 602 members paid their annual dues for 1907-1908 and three forfeited their memberships. Forty-five memberships were transferred to new holders and the prices of memberships has ranged between \$125 and \$200. The gratuity fund at this time shows a total on hand of \$129,100.15. Including the dividends of the past year, the total amount paid to widows and other heirs of deceased members will be \$141,063. The dividend payable to heirs of each deceased member is placed at \$608.87.—Slits.

WYOMING.

Laramie, Wyo.—The Overland Cereals Co. has let the contract to the Burrell Engineering & Construction Co. for the erection of a 40,000-bu. eltr. with warehouse attached. The house will be cribbed and operated in connection with an old mill. Two electric motors of 20 and 10 h. p. will drive the machinery.

Montana a Grain Producing State

BY H. S. BUELL.

Since the stirring days of Alder Gulch in 1863-4, when the miners washed more than \$50,000,000 of the yellow metal from a few acres of our sands, mining development has in its turn produced Butte, the greatest of all mining camps. Also scores of other mining centers have sprung into prominence within our borders until it is reckoned among the foremost mining states of the union. Copper seems to abound in all its mountains. The annual output of mineral wealth from the mines of this state alone reaches upwards of \$60,000,000, more than \$300 for every man, woman and child in the state. The prominence of the mining industry has over-shadowed all the other possibilities of the commonwealth, until people outside the state have come to regard it as suitable only for mining and grazing.

Yet nothing is farther from the truth. Montana is destined to become one of the leading agricultural states of the Union. The Reclamation Department at Washington has discovered as a result of its recent reclamation surveys that more good land, capable of reclamation and cultivation lies within the borders of this state than any other of the mountain states of the west. What is more, these surveys show more water available here than is possessed by any other state for the reclamation of these vast tracts of land.

Illustrative of the wonderful agricultural possibilities of the state is the famous Gallatin Valley in the southern part of the state, within a day's drive of the Yellowstone National Park. It has an area of 1,250,000 acres and is the foremost agricultural section of the state yet it is only partially developed. It has about 400,000 acres under cultivation, about half of which is under irrigation. Professor Fortier, director of the United States Reclamation Service, stationed at Logan, Utah, stated at the Irrigation Congress at Boise, Idaho, last year that the lands under irrigation in the Gallatin Valley constituted the largest single body of irrigated lands in the world.

The annual crop of wheat, oats and barley grown in this famous valley will reach 8,000,000 to 10,000,000 bus.; yet it is capable of producing twice this amount. At Bozeman, a city of 8,000 people, are located two flouring mills of 350 brls. capacity each, owned by Bozeman Milling Co. In connection with these mills and at Belgrade are located three elevators belonging to this company, and having a capacity of about three-quarters of a million bus. Other elevators at Bozeman are: One owned by Benepe-Stanton Grain Co., with a capacity of 120,000 bu.; one owned by Bozeman Elevator Co., capacity 75,000 bu.; and one owned by Gallatin Co. Farmers' Alliance, capacity 80,000 bu.

At Belgrade, another thriving town in this famous valley, is located another modern flouring mill of 350 barrel capacity, owned by Gallatin Valley Milling Co. In connection with this flouring mill is a fine, modern steel elevator of 275,000 bu. capacity. Also at this point are three other elevators: One owned by Bozeman Milling Co., capacity of 250,000 bu.; one owned by Benepe-Stanton Grain Co., with a capacity of 50,000 bu.; a fine new steel elevator just completed by Gallatin County Farmers' Alliance, capacity 105,000 bu.

At Spring Hill in the northern part of the valley in the wheat belt are the flour-

ing mill and elevator of J. F. Roll & Son. This plant is one of the busiest of its kind in the Northwest.

At Manhattan, a hustling town situated on the west side of the valley on the Northern Pacific Railway, are located two elevators of 275,000 bu. capacity and 80,000 bu. capacity, respectively, owned by Manhattan Malting Co. This company also has a fine up-to-date malting plant, where the celebrated Gallatin Valley chevalier barley is malted and thence shipped to Germany, Austria and elsewhere where a superior quality of malt is required.

Last year western oats were at a premium on all eastern markets for seed and cereal food purposes. The great bulk of western oats attracted to the eastern market by these fancy prices came from this fertile Gallatin Valley. The yield of these fancy oats often reaches 120 bus. per acre and they weigh 40 to 44 pounds per bu. They are grown mostly by irrigation, altho last year some of the choicest oats were raised on foothill farms without irrigation.

Without irrigation, wheat will yield 30 to 60 bu. per acre; hullless barley 40 to 50 bu. and 40 to 120 bu. Under irrigation these yields are much increased. Other produce of all kinds does remarkably well in all portions of this famous valley.

Other sections of this great state are also making a record for themselves. Fergus county in the central part of the state, with its millions of acres of rich foot-hill lands, last year produced a record crop of more than 5,000,000 bu. of wheat, oats and barley, mostly without irrigation, on lands supposed a few years ago to be suitable only for sheep range. Cascade county in the northern part of the state has great agricultural possibilities in both irrigated and non-irrigated lands. Yellowstone and Carbon counties in the eastern part of the state are producing grain for export and have just learned their real productive power.

Flathead, Missoula and Beaverhead counties in the western part of the state are rapidly coming to the front as producers of grain for eastern markets.

Most of the development in grain culture has come within the past five years. The writer predicts, from his intimate knowledge of agricultural possibilities of the state of Montana, that within the next ten years the small grain industry will surpass in its annual wealth that of the mineral wealth of the state.

Exports.

Buckwheat amounting to 110,478 bus. was exported from the United States for the eight months prior to Mar. 1, against 176,712 bus. for the corresponding period of 1906-7.

Broom corn valued at \$180,207 was exported for the eight months prior to Mar. 1, against \$184,894 for the corresponding period of 1906-7.

Malt amounting to 175,094 bus. was exported during the eight months prior to Mar. 1, against 249,552 bus. for the corresponding period of 1906-7.

Linseed oil cake amounting to 1,203,794,463 lbs. was exported during the eight months prior to Mar. 1, against 1,412,745,636 lbs. for the corresponding period of 1906-7, as reported by O. F. Austin, chief of the Bureau of Statistics.

The per capita consumption of wheat in the United States for food is estimated by the Dept. of Agri. at 5½ bus. during the last six years.

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OFFICERS: DAVID R. FORGAN, President; ALFRED L. BAKER, Vice President; H. E. OTTE, Cashier; L. H. GRIMME, Assistant Cashier, F. A. CRANDALL, Assistant Cashier.

Grain Carriers

Lake grain charters at the opening of navigation are the lightest in years.

Chicago charters of vessel room for wheat to Buffalo have been made at $1\frac{1}{2}$ c per bu.

The proposed advance in freight rates it is said will affect class rates and not commodities.

Duluth-Superior stocks of wheat are nearly 10,000,000 bus., but few boats have been chartered to load at the opening.

Elimination of the owner's risk clause of the official classification is being agitated by the Chicago Ass'n of Commerce.

Wheat charters, Milwaukee to Buffalo, were made recently at $1\frac{1}{2}$ c for three steamers and two others at $\frac{1}{4}$ c less per bu.

Navigation on the great lakes practically opened April 19 with the passage of the steamer Missouri thru the straits of Mackinac.

Sec'y Taft has indorsed the bill introduced by Senator Newlands providing for the appointment of an inland waterways commission.

Lake vessel owners will hold a general meeting at Cleveland May 12 and decide when to start their boats for the season. The line boats start Apr. 26.

A railroad 50 miles in length is being promoted by the farmers of the Toyah Creek Valley of Texas. The road is to extend from Pecos to Balmorhea, Tex.

The National Industrial Traffic League recently made a formal request of the Interstate Commerce Commission to make an early ruling on the uniform B/L.

Argument will be heard by the Commission at Washington May 1 on the complaint by the S. R. Washer Grain Co. of Atchison, Kan., against the Missouri Pacific.

Four of the line steamers have been taken off the Boston and Liverpool route on account of the poor demand for space. Several of the boats leaving recently had no grain in cargo.

The ice jammed into the lower end of Lake Erie during the past week, preventing grain boats from entering Buffalo harbor. One steamer bucked ice for two days and then ran into Port Colborne.

Smith Bros. Grain Co. of Ft. Worth, Tex., has made claim to the Interstate Commerce Commission for \$52 reparation on a car of hay shipped from Olney Springs, Colo., to Warsaw, Tex., and overcharged $22\frac{1}{2}$ c per 100 lbs.

The New Orleans Board of Trade will call a convention during the summer to consider government ownership and development of two inland waterways proposed between New Orleans and Mobile and New Orleans and Morgan City.

The Erie Canal is expected to be open about May 5, tho the present management is such that there is no knowing when the last repair work will be done. The boatmen are looking for a good season and have made a rate of 5 cents on wheat to New York. About 400 grain boats are on the canal, which is a much smaller fleet than there used to be. —J. C.

By request of complainants the Interstate Commerce Commission has dismissed the complaint of the T. H. Burch Co. and the Merchants' Freight Buro of Little Rock, Ark., against the Rock Island road, defendants having withdrawn the rate complained of.

A shipper who accepts cattle cars for the shipment of hay, agreeing to clean and prepare them at his own expense, cannot claim reparation for the cost of preparing the cars. —Decision by Interstate Commerce Commission Mar. 9 in suit of Laning-Harris Coal & Grain Co. and Kansas City Hay Co., against St. Louis & San Francisco R. R. Co.

The new West Neebish Channel connecting Lakes Superior and Huron will go into use with the opening of navigation. The work was begun in 1904 and has cost \$4,500,000. The new channel obviates the difficulties with which boats have had to contend in passing between Mud lake and Hay lake. It is $13\frac{1}{2}$ miles long and gives a depth of 21 ft.

An order against the car rental charge was made effective Apr. 24 by the Missouri Railroad Commission. The charge for car rental against shippers, either consignees or consignors, is held to be exorbitant and illegal, and that the charges for road haul, switching and demurrage should include all legitimate charges for transportation and delivery.

Grain tonnage rates on the Pacific Coast are the lowest of the season. The Northwestern Warehouse Co. recently made a charter of the French ship Bretagne to transport a cargo of wheat from Portland to the United Kingdom at 22 shillings. The boats controlled by the shipowners' union are held at 27s 6d, and a few of them are likely to remain idle until next season.

May 13 is the date set for the hearing by the Interstate Commerce Commission on the petition of Aug. J. Bulte Milling Co. v. Chicago & Alton R. R. for a reduction of $4\frac{1}{2}$ c on grain and grain products. The complaint is urged by the southwestern millers against the roads operating from Kansas City to Chicago. Grain receivers of Chicago, Milwaukee, St. Louis and Minneapolis are deeply interested in the decision of the Commission and will be represented at the hearing.

Indictments for rebating have been brot by the federal grand jury at Little Rock, Ark., against T. H. Bunch, the well-known grain dealer, and the Gould lines known as the Missouri Pacific and the St. Louis, Iron Mountain & Southern. The indictments contain 58 counts, so that the fines would aggregate over \$1,000,000 if convicted. An allowance granted Sept. 16, 1905, by the Iron Mountain, of $1\frac{1}{4}$ cents on grain from country points milled at Little Rock, is alleged to have been kept secret. Wilbur C. Stith, former freight traffic manager of the Missouri Pacific, is under indictment as well as the railroad company.

Steps to form a permanent organization to finance the project for a new steel barge line between St. Louis and New Orleans were taken at a meeting held Apr. 21 on the Merchants' Exchange. St. Louis, Mo. Edward Devoy, pres. of the Exchange, was elected chairman of the meeting, which brought together about fifty members, chiefly grain men who showed themselves barge line enthusiasts. It was left to the chairman what definite lines the organization will take. Another meeting will be called shortly when a more general representa-

tion of the city's business interests is expected to be present. It is the idea of the promoters to sell stock in the concern on basis of \$10 per share. Four tow-boats and thirty steel barges will be required to start the service and it will take at least \$2,000,000.—S. L.

"Open shop" on the great lakes was the decision at a recent general meeting of the Lake Carriers' Ass'n at Cleveland. Harry Coulb, general manager of the Pittsburg Steamship Co., controlling the largest number of boats, subsequently addressed his captains at the rooms of the Shipmasters' Ass'n, saying: "The responsibility for the selection of the crew is restored to the captain. The open shop means merely that we don't care what society, what church, or organization a man belongs to. What we are trying to do is simply to get back to the old conditions aboard ship. We don't want any members of the crew to see if it is in the Red Book before they undertake to do it. You masters have got to go on the picket line; you've got to win this fight for us. For my own company, I can say that we are going to win if it takes one day, one month, one year or five years. If any man pulls a book of rules on you, he is not an open shop man. He is a closed shop man. Put him on the dock. If any engineer, first, second or third, wheelsman, watchman, mate, declines to obey orders, put him on the dock."

Imports and Exports of Rice.

Imports of rice, rice meal, rice flour and broken rice for the eight months prior to Mar. 1 have been 129,127,481 lbs., against 141,245,752 lbs. for the corresponding period of 1906-7.

Exports of rice, rice flour, rice meal and broken rice for the eight months prior to Mar. 1 have been 26,553,000 lbs. of domestic and 6,301,893 lbs. of foreign origin, against 17,104,000 lbs. of domestic and 4,953,064 lbs. of foreign origin for the corresponding period of 1906-7, as reported by O. P. Austin, chief of the Bureau of Statistics.

Artesian Motive Power.

Ever since Ben Franklin "harnessed" lightning, humanity has been experimenting with all sorts of motive power. Such power has been derived from the sun, ninety million miles away, or a mighty cataract like the Niagara. It has remained for F. H. Barnard, an extensive agriculturist in Edmunds County, S. D., to pierce the bowels of the earth for power with which to operate his grain elevator.

The elevator is located on Pleasant-view farm, is modern in its equipment, having a storage capacity of 15,000 bus. It is equipped with platform scales, a dump, elevator leg, feed mills, cleaners and lighted with electricity. The motive power is furnished by a three inch artesian well.

An ordinary water wheel has been so arranged that it catches the force of the stream as it pours from the ground, the same as water from a mill race. Besides running the machinery in the elevator it operates a dynamo which furnishes the light. The power is always to be depended upon, is steady and continual. When the force of the stream is reduced so that all its power is used its natural strength is surprising.

Johnny: What is a bucket-shop, pa?
Father: A place where you get soaked.

Supply Trade

The Durable Wire Rope Co. reports a good demand for its special shovel rope.

Some people suspend their advertising during the dull season and help to make it duller.

The C. O. Bartlett & Snow Co., of Cleveland, O., has been granted an Illinois charter.

Seed will be sown, crops grown and harvested this summer, only they will be larger than ever.

W. W. Lockwood of Winfield, Kan., has severed his connection with the Enterprize Machine Co.

Advertising is not something apart from the business, save as the horse is separate from the cart—when unhitched, the cart is at a standstill.—*Scrapbook.*

Application has been made in the circuit court of St. Joseph Co., Ind., for the appointment of a receiver for the Mecklenburg Gas & Gasoline Engine Co., of South Bend.

"We are having a good run of business for our factory; working full time and are quite a number of orders behind. We did not anticipate this, early in the year. However, with the full line of machinery we have, we are having all we can possibly handle at the present time.—Huntley Mfg. Co.

Supplemental catalog No. 29, of elevating, conveying and power transmitting machinery has just been issued by the H. W. Caldwell & Son Co., Chicago. This catalog contains additional and revised price lists and is intended as a supplement to their general catalog, No. 28. Grain Dealers' Journal readers can obtain copy upon application to the company.

George Hoepner, the inventor of the Union Automatic Scale, which is now known as the Fairbanks, has invented a new automatic scale for which he makes broad claims. His many years' experience in this line has led to his developing a scale for rapid as well as accurate weighing—one he claims to be adaptable to the needs of grain elevators of every size.

The Power Appliance Mfg. Co. has purchased the business formerly conducted by the Midland Machinery Co., of Minneapolis. The business is under the management of G. A. Polley, who is also president and treasurer of the company. A full line of elevator and flour mill supplies and machinery is carried in Minneapolis and the company is general agent for some of the leading machinery concerns in the country.

The outlook for business at this time is better than any previous year at the same time, and is much better than we anticipated. We expect to close a number of contracts this month. The writer has been pretty well over the territory in the past two weeks and finds everything looking exceptionally good. We are expecting to do more business this year than at any previous time.—The P. H. Pelkey Construction Co.

The man who fits himself out with a good watch case usually pays particular attention to the works which go inside. He selects the case for its beauty, but for actual results, he looks to the works. The case will not tell time, and that is the principal purpose of the watch. The

same man, should he chance to be an advertiser, after selecting the space he intends to use for his advertising, should "look to the works"—that is, the copy, for it is the copy which brings results. As the works in the watch tell time, the copy in the ad sells the goods.

Fire at the plant of the Minneapolis Steel & Machinery Co. on the night of Apr. 20 badly damaged the structural shop. The fire started in a storeroom, and spread well thru the shop before it was discovered at midnight. The building is of frame construction and the heaviest loss is on the equipment of machinery, which includes 70 electric motors, a traveling crane and tools valued at \$12,000, the total loss amounting to \$40,000, fully insured. Fortunately the fire was kept from spreading to the other buildings of the plant, so that business will continue as usual.

The Invincible Grain Cleaner Co. reports an active demand for cleaning machinery among grain dealers and the large plant of the company is being worked full force at the present time. The manufacturing establishment of this company is a very modest looking building from the outside, but inside where the work is done, it is modernly equipped with nearly one hundred men at the wheel, saw or planer turning out labor saving devices. The company has lately installed a hoisting machine and freight elevator which runs from basement to garret. The power house, which is a brick structure adjacent to the main building, is kept as clean as a kitchen. Dust is collected by a Cyclone Collector and burned in the furnaces. Some men are kept busy devising schemes for improving the machinery and keeping abreast with the times.

Some early grain loaders cracked the grain as it flowed into them when a car was being loaded. M. C. Lilly tackled that problem when he made his car loader and he claims to have overcome the objection in the Daisy. The principle of the Daisy loader is somewhat different from others in so far as the grain strikes a moving or rotating drum, which catches the grain as it falls and whirls it into the car. The rotary motion of the drum is the special feature of this loader. When the grain strikes the inner surface of the drum it is carried around, against a deflecting plate, the centrifugal force being sufficient to force the grain into the dividing spouts loading both ends of the car at once. By reason of its mechanical construction the Daisy may be operated with a minimum amount of power, with tight or loose pulleys. An adjustable spout may be used in connection with the loader.

Paint for mufflers and gasoline engine exhaust pipes is made by taking of boiled linseed oil, 1/5 lb.; japan varnish, 1/5 lb.; spirits of turpentine, 2/5 lb.; lamp black, 1 1/2 oz.; pure powdered graphite, 1 1/2 oz.; powdered oxide of manganese, 3/8 oz. First mix the linseed oil and the japan varnish well together, then add in the order named, and stirring all the time, the lamp black, the graphite and the powdered manganese. The solids should be added slowly, and the stirring briskly maintained. As the mixture thickens thin it down with the turps, until the quantity mentioned is added. This paint should be used at once, for it dries rapidly, and every time the brush is dipped the mixture should be carefully stirred. It is well to paint the muffler while it is hot, first cleaning it thoroughly.

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GENUINE POCAHONTAS and NEW RIVER
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Also Pennsylvania, West Virginia, Ohio, Indiana and Illinois Coal. Foundry, Furnace, Crushed and Gas House Coke.

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1000, 30c postpaid—5000, \$1.25 Ex. prepaid—25,000 lots, 15c per 1000 F. O. B. Buffalo.

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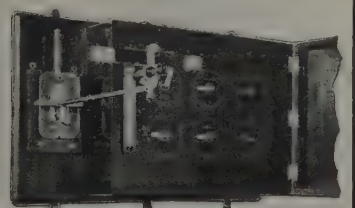
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of the condition of your grain at all points in storage bins.

No More Anxiety!
No More Useless Turning of Grain!

Use

THE ZELENY THERMOMETER



Send for circulars

The Multiplex Electric Thermometer Co.
Red Wing, Minn.

Patents Granted

Gas Engine. No. 885,313. Baxter M. Aslakson, Salem, O.

Gas Engine Cooler. No. 885,498. Frank L. Manelk, Burton, O.

Gas Engine. No. 885,598. Warren H. Frost, Los Angeles Cal.

Gas Engine. No. 884,402. Frederick F. Miller, Napanee, Canada.

Rotary Gas Engine. No. 885,113. John P. Walsh, St. Paul, Minn.

Gas Engine Valve Gear. No. 884,677. Fred E. Norton, Youngstown, O.

Reverse for Gas Engines. No. 883,750. Erik A. Rundlof, Stocksund, Sweden.

Cylinder for Gas Engines. No. 884,995. Peter Schwelm, Hanover, Germany.

Rotary Explosive Engines. No. 885,006. Everett E. Barnes, Kansas City, Mo.

Igniter for Gas Engines. No. 882,716. John V. Rice, Jr., Bordentown, N. J.

Valve for Gas Engines. No. 883,340. Robt. E. Phillips, Westminster, London, Eng.

Starting Device for Gas Engines. No. 882,597. Frank H. Walker, Atwood, Kan.

Igniter for Gas Engines. No. 885,072. Leon O. McPherson, Highland Park, Ill.

Water-Cooled Valve for Gas Engines. No. 883,967. Boris Loutzky, Berlin, Germany.

Igniter for Gas Engines. No. 885,520. Fritz Reichenbach, Charlottenberg, Germany.

Gas Engine. No. 883,688. John Henry Birch and John Hays Birch, Crawfordsville, Ind.

Valve for Gas Engines. No. 885,459. Wm. B. Engler and Constant J. Kryzanowsky, Lansing, Mich.

Gas Engine. No. 884,539. Elihu Thomson, Swampscott, Mass., assignor to General Electric Co.

Pump for Oil Engines. No. 883,849. Wm. K. Andrew, Milwaukee, Wis., assignor to International Harvester Co.

Sparking Mechanism for Gas Engines. No. 885,324. Harry G. Coulson and Chas. C. Coulson, Jay county, Ind.

Generator for Gas Engines. No. 883,981. Henry K. Shanck, Cleveland, O., assignor to Euclid Motor Co., Cleveland.

Gas Engine. No. 884,063. Henry L. F. Trebert, Rochester, N. Y., assignor to Brownell-Trebert Co., Rochester.

Gas Engine. No. 884,863. Carlton Radcliffe, New York, N. Y., assignor to International Patent Corporation, Jersey City.

Igniter for Gas Engines. No. 883,851. T. S. Bailey and F. T. Cable, Quincy, Mass., assignors to Electric Boat Co., New York.

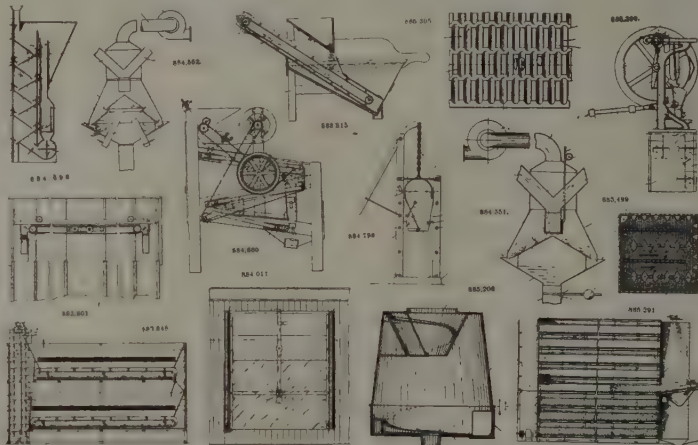
Ignition Coil for Gas Engines. No. 884,116. Edward Q. Williams, Syracuse, N. Y., assignor to the Connecticut Telephone & Electric Co., Meriden, Conn.

Corn Grader. No. 885,395. (See cut.) Alfred Scruble, Carthage, Ill. A metallic sheet has a plurality of rows of elongated openings and elongated concavities parallel with the openings the edges of which form the edges of the openings. The successive rows are arranged in staggered order.

Grain and Seed Cleaner. No. 884,660. (See cut.) Jas. H. Hoover, Decatur, Ill. Disposed in a zigzag are three grain shoes each provided with a screen and solid bottom. The grain from the solid bottom is carried to a downspout in which are intercepting tiltboards to throw out of the spout grain from either the upper or the intermediate solid bottom. The troughs and the shoes have a reciprocating motion.

Bag-Holding Device. No. 884,798. (See cut.) Josiah B. Cusick, Wellsburg, W. Va., and Wm. I. Scott, Mingo Junction, O. A platform is carried by sets of standards between which a hopper is slidably mounted and connected by chain to a lever on one of the standards. The hopper carries bag-holding hooks and has a drop bottom retained by a pivoted lever.

Apparatus for Maiting. No. 883,848. (See cut.) Edwin G. Adam, Bristol, Eng. A series of box-like grain containers have screened openings in the sides and endless conveyors in each container, while an elevator is arranged vertically adjacent to one end of each container with its buckets pivotally mounted to discharge into the upper container. Air is drawn thru the container by a suction fan.



Grain Door. No. 884,011. (See cut.) John Edman, Minneapolis, Minn. A pair of oscillatory door locking blades are mounted at the sides of the door opening to normally hold the door in working position. The door is made up of upper and lower sections, the lock lever being pivoted to the upper door section and the lower end of the lever being movable into a position immediately above a lock bracket on the intermediate portion of the door.

Grain Distributor. No. 883,801. (See cut.) Henry P. Harpstrite, Maroa, Ill. The elevator discharges upon an endless and horizontal belt in a frame reciprocated to lift different bins. The rolls carrying the horizontal belt have drive wheels to move the frame along the track from which it is suspended. A flexible transmission member passes around the drive wheels on the carrier rolls and over, under and around the driven wheel and idle wheel.

Smut Machine. No. 883,815. (See cut.) Ole L. Larson, Minneapolis, Minn. A germ destroying liquid is contained in a tank in which an elevator is partially submerged and having above and close to it a guard protruding above the liquid so that the grain from the supply hopper is dropped into the liquid between the guard extension and the downward moving elevator slats whereby light grain will not be floated away by the liquid but will be forced under the guard.

Grain Scrubber. No. 885,499. (See cut.) Chas. E. Manor, Stanleyton, Va., assignor of 1/2 to Jas. D. Manor, Newmarket, Va. The grain scrubber comprises a combined scrubbing and separating compartment having an inlet and an outlet and further having roughened walls and a foraminous bottom, and a compartment connected with and arranged below the scrubbing compartment for receiving matter separated from the grain, the compartments having a gyratory motion.

Maiting Apparatus. No. 885,291. (See cut.) Wm. P. Rice, Chicago, Ill. Two maiting units are arranged end to end with a space between them. Malt shelves

are supported in the units and are movable each out of its unit across the space into the adjacent unit. Conveyors are arranged to receive the malt dumped from the shelves in the space and redeposit on the shelves. A leveling board at the entrance of the unit levels the malt on the shelf as it is moved into its unit.

Grain Feeder and Weigher. No. 885,299. (See cut.) Wilhelm Schwede, Sanborn, Minn., assignor of 1/2 to Henry Schwerdtfeger, Sanborn. A fulcrummed scale arm is combined with a magazine pivotally supported upon the inner end of the arm, a partition wall in the magazine, a pair of gravity outlet doors and means for tilting the magazine upon its pivotal support when in lowered position to cause the contained grain in the lower side of the mag-

azine to force open the adjacent discharge door.

Dust Collector. No. 885,206. (See cut.) Chas. F. Verrell, Grand Rapids, Mich. The collector comprises a separating chamber having a peripheral tangential inlet and a dust outlet concentric with the periphery of the chamber, a vertical deflector wall in the chamber having one end secured to the wall of the chamber and then curving spirally until the inner end becomes tangent to the dust outlet, a cover between the deflector wall and casing and a regulator arranged to slide over the dust outlet.

Grain Drier. No. 884,696. (See cut.) Wm. Wilson, Seattle, Wash., assignor of 1/2 to Thos. G. H. Grant, Wenatchee, Wash. A casing is provided with a shaft in which is arranged a plurality of inclined aprons to provide a tortuous passage for the grain, the casing being provided with a dust chamber open to communicate with the shaft, heating means, a conduit thru which air from the upper portion of the shaft travels to the heater and a fan to force hot air into the lower portion of the shaft.

Grain Cleaners. Nos. 884,551 and 884,552. (See cuts.) Chas. A. Wright, Chicago, Ill. The heavy portions of the grain are fed by gravity from a clipper thru a pipe to a grain separator below, and the lighter parts of the grain are removed by a suction pipe and fan connecting with both the clipper and separator. Expansion chambers have traps connected to each of the suction pipes. The spreader comprises upwardly converging inclined surfaces provided with projections for agitating the grain as it flows thereover, a casing above with space for a sheet of grain and an air passage over the grain, means for supplying grain to the top of the spreader and means for passing a current of air between the surface of the grain and the casing. No. 884,552 shows a secondary spreader in the form of a hollow truncated cone with its lower edge adjacent to the opening and an auxiliary air tube leading thru the casing and beneath the spreader for augmenting the draft between the spreaders.

The Hoepner Automatic Scale.

The grain dealers of the country in the last few years have felt the want for a reliable automatic weighing machine for the handling of their product in an economical way, and many sincere efforts have been made by inventive minds to supply an automatic device for this purpose. However few of the machines have been placed on the market for there has been a continuous chain of unexpected conditions to overcome, and only those who have made a continuous study of these conditions and complications can participate in the manufacturing of perfect weighing devices. However, there has been a great development on this class of machines, which enables the grain man to make a selection to supply his want. In the early days of automatic weighing a machine was not expected to give absolute accuracy nor great rapidity, two and three weighings on large package work per minute and eight and ten on the smaller was considered a rapid machine, but the machine of to-day is expected to do three times this amount of work with absolute accuracy. The Hoepner Scale System manufacture weighing machines of all descriptions of the high speed type, and this new system is said to have no limitations as to speed.

Mr. George Hoepner, the inventor of this scale, writes that "in these modern times, when the fraction of a minute saved is an item to be carefully studied, no field is more prolific of development than that which covers the rapid, accurate weighing of commodities in bulk, such as grain or similar products. The following axioms must be observed:

"The weighing must be done in the least possible space of time.

"The weights must be absolutely correct.

"Every single machine has its critical speed if worked above this speed, rapid deterioration and inaccuracies result. If one machine can safely make 5 cycles of operation per minute at its highest speed,

two machines, or a double machine, can safely make ten and sometimes more per minute with equal accuracy. In the Hoepner Scale System this feature has been carefully worked out by a long course of experimenting and study until it is claimed that it has no equal.

"Have you every stopped to think: Can one operator accomplish as much as two operators?, both being equally skilled in weighing with an ordinary scale?

"Can a single compartment scale make as many discharges per minute as two similar machines, or a double compartment machine?

"The answer is 'No! of course not,' as multiplying the machines increases the output in direct proportion.

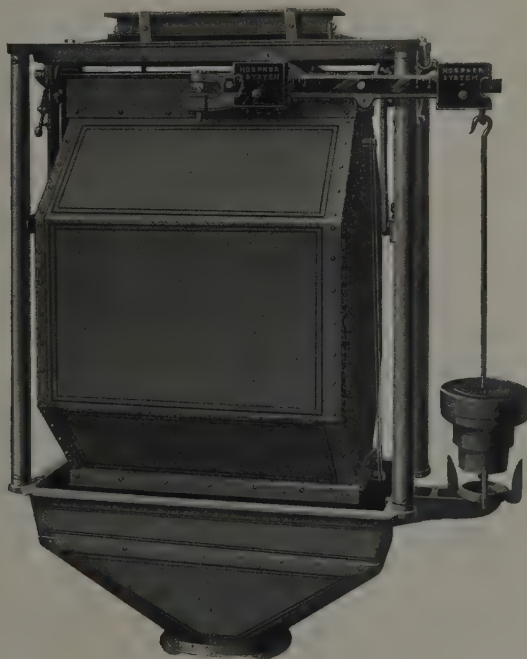
"But you say, A, B and C, three grain men, do not want the same results. A only needs to handle 500 bushels per hour. B wants to handle 1,500 bushels per hour. C wants to handle 5,000 bushels per hour.

"The same machine will not suit them. It will be right for one but too small or too large for the others. Here is where the Hoepner Scale System applies. It is a Unit System, for A we furnish one unit, for B three units, or two slightly larger units. For C still more units to do the work. Each unit being a complete machine in itself, yet perfectly designed to be combined with other similar units at any time so that the exact conditions are always satisfied and every machine can be worked to its greatest capacity."

Imports and Exports of Beans.

Imports of beans and dried peas for the eight months prior to Mar. 1 have been 545,436 bus., against 338,001 bus. for the corresponding period of 1906-7.

Exports of beans and dried peas for the eight months prior to Mar. 1 have been 239,142 bus. of domestic and 8,766 bus. of foreign origin; against 328,000 bus. of domestic and 49,723 bus. of foreign origin for the corresponding period of 1906-7, as reported by O. P. Austin, chief of the Bureau of Statistics.



The Hoepner Automatic Scale.



Dust Collectors

There are several "named" Dust Collectors. When you want quality there is only one. It is made of extra heavy material, made to wear. It's like other DUST COLLECTORS in shape, that's about all. It will do what any other will do and then some. It stands for QUALITY. If you want to know more about it right now, write. THE PRICE IS RIGHT

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Cincinnati, Ohio.

CYCLONE BLOW PIPE CO.

IMPROVED

Cyclone Dust Collectors, Automatic Furnace Feeders, Steel Plate Exhaust Fans, Exhaust and Blow Piping.



Complete systems designed, manufactured, installed and guaranteed. Old systems remodeled on modern lines on most economical plans. Supplementary systems added where present systems are outgrown. Defective systems corrected and put in proper working order.


High and Low Speed Systems.

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CHICAGO, ILL.

(Patented)

\$1.00
SAVED PER WEEK
PER HORSE-POWER

THE "1905" CYCLONE



Saves ONE-HALF the power required to drive the fan.

Manufactured Exclusively by

**THE
KNICKERBOCKER
COMPANY**

JACKSON, MICHIGAN

Supreme Court Decisions

Payment.—Where a debtor makes a payment, he has the right to apply it to any debt he may be owing the creditor.—*Maryland J. Club v. State*. Court of Appeals of Maryland. 68 Atl. 612.

Carrier's Liability.—A carrier in accepting shipments accepts them subject to the liabilities imposed by law, and the only way in which it can vary or limit the liability is by special contract.—*Russell v. Chicago, B. & Q. Ry. Co.* Supreme Court of Montana. 94 Pac. 488.

Persons Entitled to Sue Carrier.—Where, after failure to deliver freight, consignee demanded back and received from vendor the price, there was a rescission of the sale precluding a recovery by consignee from the carrier for the failure to deliver.—*Matheson v. Southern Ry. Co.* Supreme Court of South Carolina. 60 S. E. 437.

Sale by Sample—Rescission.—Where the goods shipped in performance of a contract of sale are inferior in grade, and not according to samples, the purchaser may rescind the contract and reject the goods within a reasonable time.—*Columbia River Packers Ass'n v. Springfield G. Co.* St. Louis Court of Appeals, Missouri. 108 S. W. 113.

Carrier's Exemption by Tracing.—Civ. Code 1902, Sec. 1710, in so far as it imposes on a common carrier the duty to trace shipments as a condition of exemption from liability for loss, is not unconstitutional, as a violation of the interstate commerce clause of the federal Constitution.—*Winslow Bros. & Co. v. Atlantic Coast Line R. Co.* Supreme Court of South Carolina. 60 S. E. 709.

Time in Which to Accept Shipment of Carrier.—What is a reasonable time for a consignee to accept a shipment, where not regulated by statute depends upon the circumstances of each case, such as the proximity of the consignee to the point of delivery and his knowledge of the arrival of the shipment.—*Central of Georgia R. Co. v. Merrill & Co.* Supreme Court of Alabama. 45 South. 628.

Fire Communicated by Locomotive.—Circumstantial evidence of negligence is sufficient to support a verdict in an action against a railroad company for damages for a fire communicated by a locomotive, if from all the circumstances proved the jury might reasonably find that defendant's negligence was the proximate cause of the injury.—*Toledo, St. L. & W. R. Co. v. Sullivan*. Appellate Court of Indiana. 83 N. E. 1024.

Sale of Hay—Identification.—A sale of 20 tons of hay out of a larger quantity, 500 cubic feet to be estimated as a ton, and the 10,000 cubic feet to be ascertained by measuring from the east end of the mow, taking the entire width of the barn, sufficiently designated the subject-matter of the contract so as to constitute a completed sale, and not merely an executory contract to sell.—*Barber v. Andrews*. Supreme Court of Rhode Island. 69 Atl. 1.

Right to Connect Switches.—In Pennsylvania, where by statute every railroad company is made a common carrier and its railroad a public highway, every such company is in duty bound to permit mill owners, mine owners, and others to construct on their land adjoining its railroad suitable switches for the use of their business, and connect the same with the company's tracks, subject to reasonable regulations, and to receive and deliver from and to such switches cars and freight on equal terms with other shippers, and such duty may be enforced by a court of equity by a mandatory injunction.—*Beech Creek R. Co. v. Olanta Coal Mining Co.* Circuit Court of Appeals. 158 Fed. 36.

Delay in Furnishing Cars.—The provision of chapter 345, p. 570, Laws 1905, which imposes a penalty of \$1 per day upon each car for delay in furnishing freight cars ordered, and permits no excuse therefor except "strikes, unavoidable accidents, and other public calamities," is not invalid, but is a reasonable police regulation, and imposes no considerable burden upon interstate commerce.—*Patterson v. Missouri Pacific Ry. Co.* Supreme Court of Kansas. 94 Pac. 138.

Levy on Growing Crops.—In making a levy of execution upon a field of standing corn, the officer need take only such possession as the nature of the property will permit. He need not do that which, but for the writ, would make him a trespasser. It is sufficient if he go to the premises, there do some open and unequivocal act which as nearly as practicable amounts to a seizure, and indorse the levy on the writ.—*National Bank of Holton v. Duff*. Supreme Court of Kansas. 94 Pac. 260.

Landlord's Lien.—A tenant, indebted for rent, sold grain grown on the premises. The proceeds were deposited in a bank to the credit of the tenant, who gave a check for the amount thereof to a third person, who, by an indorsement on the deposit slip, directed the bank to pay the amount thereof to the third person. Held, that the landlord had no right to the deposit by virtue of a statutory lien for rent.—*Hove v. Stanhope State Bank*. Supreme Court of Iowa. 115 N. W. 476.

Remedy for Carrier's Failure to Deliver.—Under the act of 1903 (24 St. at Large, p. 81), providing that every common carrier failing to adjust any claim for loss or damage of interstate freight within ninety days shall pay a penalty in addition to actual damage, it is immaterial in what manner the loss was caused; the purpose of the statute being to give the consignee a special remedy for the carrier's failure to deliver.—*Wilson & James v. Atlantic Coast Line R. Co.* Supreme Court of South Carolina. 60 S. E. 663.

Connecting Carriers.—Civ. Code 1902, Sec. 1710, provides that when, under contract for shipment over the lines of connecting carriers, the responsibility of each shall cease on delivery to the connecting line in good order, if freight be lost or damaged, it shall be the duty of the initial or terminal line, on notice, to adjust the same within 40 days, and on failure to do so, or to trace such freight and inform the person giving notice by what carrier it was lost or damaged, such carrier shall be liable for all such loss or damage. Held, that the failure of a terminal carrier to comply therewith renders it liable for goods lost from a consignment over its line, whether lost on its own road or not.—*Burress v. Atlantic Coast Line R. Co.* Supreme Court of South Carolina. 60 S. E. 692.

Hop-Buyer's Contract to Make Advance.—A contract for the sale of hops required the buyer to make advances on the price to enable the sellers to pay certain expenses, the advances to be credited on the price. There was no agreement that the sellers should repay the advances, or that they should give notes therefor. The contract was made to enable one of the sellers to obtain money with which to produce the hops sold. It was not contemplated that the other sellers should obligate themselves for the money to be advanced by the buyer. Held, that the buyer, on refusing to make an advance as required by the contract unless the sellers would execute to him their note therefor, violated the terms of the contract, and he could not enforce it.—*Lachmund v. Moore*. Supreme Court of Oregon. 94 Pac. 510.

Injury by Projecting Set Screw.—Rev. St. Ohio 1906, Sec. 4364-89c, makes it the duty of factory owners to countersink or cut off bolt heads and set screws on revolving machinery which might otherwise project beyond the surface of the revolving part, and Act April, 1904 (97 Ohio Laws, p. 547), provides that knowledge by an employee that the machinery of his employer is not guarded as required by statute shall not be a defense, but that a continuance in service

with such knowledge shall prevent a larger recovery in case of death than \$5,000 or \$3,000 when there is injury without death. Held, that where an employee was injured by a projecting set screw on a shaft which had not been countersunk, but there was no evidence that he knew the screw projected, the court properly refused to charge that if they found plaintiff knew of the projecting set screw they could not return a verdict for more than \$3,000.—*National Fire Proofing Co. v. Andrews*. Circuit Court of Appeals 158 Fed. 294.

Must Accept Shipper's Weights and Grades.

We, the Arbitration Board of the Indiana Grain Dealers Ass'n., find in the controversy between Thos. H. New, of Greenfield, Ind., and the Queen City Grain Co., of Cincinnati, O., that on examination of all papers that Thos. H. New, owes the Queen City Grain Co., as per statement below, \$101.66.

We further find that Thos. H. New sold the oats in question Cincinnati weights and grades, and where a shipper sells grain specifying a certain market for weights and grades the buyer of this grain cannot divert said grain without the consent of the shipper. If the grain is so diverted, without the consent of the shipper then the buyer must accept shipper's weights and shipper's grades on any or all cars so diverted.

Yours very truly,

A. B. Cohee,
Wm. B. Wells,
D. Anderson.

Credit Thos. H. New as Follows:
Car 81350 48 bu. 10 lb. oats 35½ c. \$17.27
Car 42138 58 bu. 16 lb. oats 34½ c. 20.13
Car 17041 179 bu. 16 lb. oats 34½ c. 61.92
..... \$99.37
Amount claimed by Queen City Grain Co. \$201.03
Less amount of credit 99.37
Amount due Queen City Grain Co. \$101.66

Grain Sold by Sample Must Equal Sample.

Kirwan Bros. Grain Co., Baltimore, Md., plff., vs. Loudon & Co., Cincinnati, O., defndt.

On Sept. 28th, 1907, the defendant sent plaintiff by mail a sample of three carloads of off-grade wheat held at 94c export rate delivered Baltimore.

On Sept. 30th the plaintiff wired: "Will take three cars wheat ninety-four. Answer by telegraph immediately stating quantity."

Defendant replied: "Confirm about thirty-four hundred bushels at ninety-four cents."

The letter correspondence confirms the transaction as above.

On Oct. 5th the defendant shipped to apply on this sale one car No. 9585 containing 62,000 lbs., according to his invoice.

On Oct. 7th car No. 92546 containing 60,620 lbs. according to his invoice.

On Oct. 9th car No. 9585 arrived at Baltimore and inspected, "rejected wheat, warm, weevil, damp, mow-burnt." The certificate by Chief Inspector Mr. Chas. McDonald, shows: "Wheat contained in car No. 9585 now on track at Locust Point billed to Kirwan Bros. Grain Co. is warm and full of live weevil and, for this reason, cannot be unloaded into elevator. Sample shown me by Kirwan Bros. Grain Co. said to represent purchase sample, does not show weevil."

Oct. 9th plaintiff wired defendant as follows: "Ninety-five eighty-five warm damp weevil; five cents discount best possible. Instruct."

On Oct. 10th the defendant wired plaintiff as follows: "Three cars all alike. Shall we ship third car?"

To which plaintiff wired reply: "Wheat must be free from weevil. Will cancel one car or all, you pay us ten cents."

On Oct. 12th the defendant wired plaintiff: "Letter tenth received. Have sold third car same price. Other two yours. Protect yourselves."

Car No. 92546 was inspected at Baltimore, Oct. 15th, "Rejected wheat, damp, mow-burnt, weevil, warm."

The correspondence and evidence disclose the fact that the wheat was sold by certain sample, which was received by plaintiff, and was not damp, nor warm, nor did it show weevil, consequently said sample must necessarily represent the quality

and character of the wheat covered by contract.

Evidence shows that the two cars that were shipped arrived warm, damp and containing live weevil. Evidence also shows that the difference in value between purchase sample and actual wheat at Baltimore, as determined by special arbitration committee, was 4c per bushel. Evidence shows that the defendant declined to ship the third car, unless plaintiff would agree to take it as well as the other two cars which had already been received at Baltimore, without discount from original price.

The decision of the committee is, that the plaintiff is entitled to his claim of 4c per bushel on cars No. 9555 and No. 92546, amounting to \$83.77. Also to a difference of 11c per bushel, being difference between price of contract and price at which balance of sale was cancelled at Baltimore, being the advance in wheat market, as substantiated by official reports amounting to \$149.27.

Judgment is hereby rendered for the plaintiff for \$233.04. Costs of arbitration to be paid by defendant.

H. C. Miles,
H. S. Grimes, Chairman,
E. M. Wasmuth,
Arbitration Com'te Grain Dealers Nat'l Ass'n.

An Improved Automatic Power Grain Shovel.

The cut shown herewith illustrates an improved design of Automatic Power Grain Shovel manufactured by H. W. Caldwell & Son Co. Such changes have been made in the details of construction of the mechanism as have been found from experience with the old pattern shovels to be desirable. A few of the strong points of this type of shovel are:

The winding drum is made large enough to accommodate sufficient rope to unload the large size freight cars that are now in general use.

All parts of the mechanism that are subject to shock or unusual wear are made of steel.

The frame is made of box section, thus securing greater strength and rigidity.

The method of operation is extremely simple. The rope shown in the cut hanging from the large spool is the one to which the shovel is attached and can be of sufficient length so that by means of sheaves it can extend to the car a considerable distance from the machine. This permits the machine to be located where it will be most convenient to the driving shaft, or it can be placed upon a line shaft direct. The shovel rope is wound upon the large spool. With the clutch at the left of the large spool dis-

engaged, the shovel is pulled back into the car as far as wanted.

When the workman stops, the weight shown to the right of and above the large spool pulls the rope wound around the small spool and reverses the large spool and the toothed wheel (next the right-hand bearing). One of the teeth trips a small catch and this releases the clutch lever at the back. To one end of this lever is connected a weight; on the other end are the prongs which operate the half of the spiral clutch sliding upon a feather in the shaft. When the catch is tripped by the tooth on the wheel it releases the long lever arm. The lever weight is then free to pull on the lever arm, and the sliding half of the clutch is moved toward the spool and engages.

The shaft revolving and acting thru the jaw clutch pulls the shovel rope, and at the same time winds up the chain connected with the hook on long lever arm, until the shovel reaches the car door and delivers the grain. The chain then being entirely wound up, pulls on the long lever arm, disengages the clutch, allows the catch to fall into place, and the shovel can be again pulled back and the operation repeated.

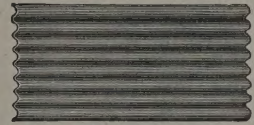
Where it is desired to operate two shovels at once, a double shovel is furnished, which consists of one right-hand and one left-hand machine.

The National Ass'n of Feed Dealers will hold its convention at Detroit, Mich., June 8-9.

Lenders & Co., grain importers of London, have failed and will pay 50 cents on the dollar. The firm was one of the oldest and largest in Europe and bot largely of Argentine wheat before the long decline in the market, reselling to millers who are said to have failed to fulfill their contracts.

Delegates at the recent meeting of the Millers' National Federation, adopted a resolution requesting the government to permit the deposit of flour in bonded storage to guarantee the duty on imported wheat; instead of the cash payment and subsequent refund on flour made from foreign wheat and exported. The delegates referred the matter of government grain inspection to the committee on crop improvement and grain markets, to be reported upon at the annual convention in June. Wm. E. Castle of Louisville, Ky., was chosen pres.

We Are Large Manufacturers of Steel Roofing, Corrugated Iron, Etc.



We furnish this material in large quantities for grain elevators all over the country. We also take contracts for doing this work complete.

SYKES STEEL ROOFING CO., Chicago, Ill.

The Modern Elevator Builder

L. H. HODGMAN, Dwight, Ill.

Write him! Special attention given to repairing and remodeling. Plans furnished and references given on application.



Are Your Children on Board?

A copy of ST. NICHOLAS bought at any news-stand for twenty-five cents will give children a voyage to Storyland, the happiness of which they will never forget. Do you realize the value to children of a magazine brimful of delightful entertainment, profitable information, and refining influences?

The One Great Children's Magazine

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25 cents a copy at all news-stands and book-stores
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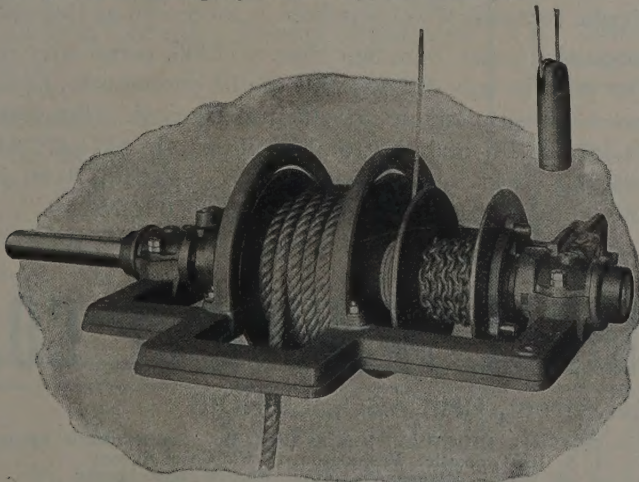
Grain Receiving LEDGER

A book designed for use by Grain Buyers who keep individual accounts with farmer patrons. Is ruled for facts regarding wagon loads received. Its column headings being: Date, Article, Gross, Tare, Net, Bushels and Pounds, Price, Debit, Credit and Remarks.

Each of its 204 pages of linen ledger paper, size, 8½ x 13½ inches, is ruled for 42 wagon loads and numbered. Each page may be used for one or more accounts as desired. A marginal index is bound in front. Bound in cloth with leather back and corners. Order Form 43

Price, \$2.25

Grain Dealers Journal
255 La Salle St., CHICAGO, ILL.



Automatic Power Grain Shovel.

Books Received

MAINTENANCE OF FERTILITY by means of different fertilizers is considered in the 32-page Bulletin 95 issued by the experiment station of the Iowa State College, Ames, Ia.

COWPEA, the most valuable legume for the Southern states, is illustrated and described by H. T. Nielsen of the Bureau of Plant Industry, in a 28-page bulletin treating of cowpeas for hay, for pasture, for soil improvement and for seed. Nine of the 50 known varieties of cowpeas are described. Cowpea seed, being largely hand-picked, is very costly, and Mr. Nielsen's suggestions on machine picking are valuable, since cheaper seed will greatly increase the area devoted to the cowpea. Bulletin 318, U. S. Dept. of Agri., Washington, D. C.

THE GREEN BUG TO DATE is one of the addresses delivered before the Kansas State Board of Agriculture and published in the quarterly report of the Board, No. 105, just issued by F. D. Coburn, sec'y. In his address Professor S. J. Hunter of the University of Kansas, Lawrence, instructively describes last visitation of the green destroyer, and the work of introducing its parasitic enemies. Professor Hunter marshals seven facts to prove that the parasite did not naturally accompany the green bug as it spread, and concludes that the artificial introduction of parasites is practical. Kansas State Board of Agri., Topeka, Kan.

BARLEY CULTURE in the Northern Great Plains.—Chapters on Development of Barley Growing; Distinct Districts; Comparison of Varieties; 2-Rowed Compared with 6-Rowed; Maintaining Pure

Seed; and Uses of Barley, are contained in this Circular No. 5 of the Bureau of Plant Industry, by M. A. Carleton, cerealist in charge of grain investigations. During 1905 and 1906 at the Montana Station the average yields were 3,168 lbs. of 2-rowed and 2,496 lbs. of 6-rowed per acre. The 2-rowed barley also gave the best yield at the South Dakota station during a 4-year period, having been 44.9 bus. for the one and 39.3 bus. per acre for the other. Professor Shepherd of North Dakota states that barley as a grain for stall-feeding live stock in North Dakota seems destined to fill the place occupied by corn in states farther south. U. S. Dept. of Agri., Washington, D. C.

STINKING SMUT.—The true nature of the smut affecting wheat in Nebraska is not well known to the grain dealers and farmers of the state, says F. D. Heald in Bulletin 28, just issued. Loose smut destroys the entire head, transforming it into a powdery mass of black spores; while bunt or stinking smut affects only the berry. The latter is affecting both the winter and spring varieties of wheat. Its presence in a field may be detected by the characteristic odor, by the deeper green of the affected heads, or by a closer examination showing the black smut berries. The formalin treatment is recommended, one pint of the chemical to 30 gallons of water. This is sprinkled over the seed, which is shoveled over to moisten thoroughly the surface of each grain, let stand covered 2 hours, and then spread out to dry. Agri. Exp. Sta., University of Nebraska, Lincoln, Neb.

In an endeavor to improve Indian corn Luther Burbank will expend part of the \$10,000 appropriation of the Carnegie foundation.

The Terminal Elevator from a Miller's Viewpoint.

It is true the terminal elevators perform a valuable service in cleaning, handling and conditioning grain, adding by legitimate means 2c to 5c per bushel to its value and saving an enormous volume which would be loss to the farmer.

It is also true that the elevators do not confine themselves to this legitimate practice, which tho profitable to themselves is yet a public benefaction. The farmer's dirty grain is rarely cleaned and offered in this simple improved condition to the miller. How much mow burnt will it stand; how much frosted; how much durum or how much yellow berry? Even on such a basis the elevators might yet claim to be public benefactors, for they find a market for much grain otherwise unmerchantable.

No, it is not the cleaning, scouring, clipping and improving of grain that has ever been questioned, but it is the doctoring of the wheat and the cultivating of the inspectors, and in some cases the substituting of wheat after inspection and the plain fraud practiced, that needs some substantial check.

The good works of the elevators are no plea for non-interference when the abuses still exist. Furthermore the elevators that are conducted decently, and no doubt some of them are, must in time accept restrictions which are rules of conduct intended for those elevators having an unsavory record for doping and delivering grades below required standards.—*Modern Miller.*

MILLERS' NATIONAL INSURANCE CO.

CHARTERED 1865

ELEVATOR owners who are looking for cheap and safe insurance should read carefully the following; The thirty-second annual report to policy holders of the Millers' National Insurance Co., as compared with any other year, is one of the most satisfactory ever presented, which is saying much of a company which has been as successful as this one.

With a large increase in business, the losses were less than in 1906, permitting an assessment of only 6½ per cent for the year, or only 32½ per cent of the annual rate, equal to a 67½ per cent saving on the basis of a cash premium for the rate charged. The total **CASH** assets of the company are \$1,357,583.18, and the total liabilities are \$474,477.91, leaving a net cash surplus of \$883,105.27. Risks in force Dec. 31, 1907, \$40,340,770.96 an increase during 1907 of \$4,477,949.99. Losses paid since organization, \$5,624,753.10.

ADDRESS

MILLERS' NATIONAL INSURANCE CO.

No. 205 La Salle Street, CHICAGO, ILLINOIS

OR NEAREST AGENCY MANAGER

CHAS. H. RIDGWAY, Kansas City, Mo., Southwestern Agency
I. N. JUST, Seattle, Washington, Pacific Coast Agency
H. M. GILES, Minneapolis, Minn., Northwestern Agency

Fire Insurance Companies

ORGANIZED 1883

The Western Millers Mutual Fire Insurance Company

KANSAS CITY, MO.

CHAS. H. RIDGWAY, Secretary

SAFE INDEMNITY

Flour Mills, Elevators, Warehouses and
contents,

CIFER CODES

We carry the following cifer codes in stock
and can make prompt delivery.

Robinson's Cifer Code, cloth	-	-	\$1.50
Robinson's Cifer Code, leather	-	-	2.00
Hay and Grain Cifer Code	-	-	1.00
A. B. C. Code, 5th Edition	-	-	7.00
Baltimore Export Cable Code	-	-	8.00
Companion Cable Code	-	-	5.00
Riverside Code, 5th Edition	-	-	3.00
U. S. Cifer Code	-	-	3.00
American Seed Trade Assn.'s Code	-	-	2.00
Stewarts International Code	-	-	.25

For any of the above, address

GRAIN DEALERS JOURNAL,
255 La Salle St., CHICAGO, ILL.

Millers Mutual Fire Insurance Association of Illinois

ALTON :: ILLINOIS

Wrote \$9,897,311.23 Insurance last year
Paid \$116,523.11 in losses last year
Added \$20,545.96 to surplus last year
Assessed only 40% of basis rates last year

If you want the best of Insurance
at the lowest cost, write to us.

Insurance in force - \$13,551,441.39
Face value of notes - 1,701,351.60
Cash Assets - - - - 336,038.85

GEO. POSTEL, Prest.
A. R. MCKINNEY, Sec.

Chicago Agent:
M. W. FUGIT, 740 National Life Building.

THE OLD RELIABLE



INSURES ELEVATORS
AND GRAIN

PERMANENT OR
SHORT TERM POLICIES



A FEW POINTS

TO ATTRACT YOUR ATTENTION TO THE



A company of the grain
dealers by the grain dealers
and for the grain dealers.

Mutual in method, costing only what
country elevators should pay. Complete
policy form contracts. Prompt adjustment
of losses.

Hundreds of country elevators, owned
by the most successful grain dealers are
insured in this Company.

If you will consider a good proposition
write at once to

C. A. McCOTTER, Secretary

Mill Owners' Mutual Fire Insurance Co.

Des Moines, Iowa

Organized 1875

INSURES MILLS, ELEVATORS,
WAREHOUSES and CONTENTS

Net Cash Assets	-	-	-	-	\$ 266,243.81
Losses Paid	-	-	-	-	1,339,403.60
Saved to Policy Holders	-	-	-	-	1,752,149.12

J. G. SHARP, Secretary

ESTABLISHED 1889

Indiana Millers Mutual Fire Insurance Company

OF INDIANAPOLIS, IND.

MILLS AND ELEVATORS ONLY

Purely Mutual

E. E. PERRY, Secretary

Grain Shippers' Mutual Fire Insurance Association

IDA GROVE - IOWA

Risks in force	\$6,927,000.00	Dividends on the basis of
Admitted assets, Dec. 30, 1907	50,197.76	80% cost.
Total liabilities	4,735.00	We write Fire, Lightning
Net assets, Dec. 30, 1907	\$45,462.76	and Tornado Insurance for
		the Grain Trade.

F. D. BABCOCK, Secretary

ELEVATORS WANTED

To get in direct communication with would-be buyers of grain elevators reply to ads
in the "Elevators Wanted" columns of the GRAIN DEALERS JOURNAL.

For Sale



For particulars see the "Elevators for Sale" columns of the Grain Dealers Journal, Chicago

Those looking for elevator properties invariably consult its "Elevators for Sale" columns. If your elevator is for sale, make the fact known to the entire trade, put your For Sale sign in the "Elevators for Sale" columns, then you can be sure of selling quickly at a good price, and pay no commission on sale. If you do not wish neighbors to know your elevator is for sale, you can have replies come in our care and we will forward them daily without extra charge.

The cost for advertising is 15c per line

Webster Machinery

For Grain Elevators
And Flour Mills



Spiral and Belt Conveyors
"Acme" Elevator Buckets
Chain Belting
Friction Clutches
Shafting, Pulleys, Hangers

Webster M'f'g Co.

1075-1111 West 15th St., CHICAGO

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Successor to
H. L. DAY

Sole Manufacturer of DAY'S Patented Dust Collectors and Fuel Feeders; also manufacturer of Dust Collecting Systems.

Sole manufacturer of Bryant Automatic Oil Filters.

If you need a Dust Collecting System, a re-arrangement of your old Dust System, or an Exhauster Fan, write us.

THE DAY COMPANY, 1118-1126 Yale Place
MINNEAPOLIS, MINNESOTA

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Write or Consign

NORTHWESTERN ELEVATOR & GRAIN CO.
PEORIA, ILLINOIS

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NEVER BACKWARD

The Evans Motor Attachment

Your elevator legs
must run if the
motors are
equipped with

"The great profanity saver"

Send for circular.

SCOTT F. EVANS, Minneapolis, U. S. A.

"WELLER MADE"



MEANS

"WELL MADE"

Everything in the machinery line
for Grain Elevator and Mill.

WELLER MFG. CO.,

Chicago, Ill.

Write for Catalog and Discount Sheet.